

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068501.D
 Acq On : 16 Sep 2021 17:54
 Operator : JC/MD
 Sample : VN0916WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:32:56 PM

Quant Time: Sep 17 02:01:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	496678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	717738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	650363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	306359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	204392	44.862	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.720%		
35) Dibromofluoromethane	8.024	113	190694	44.051	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.100%		
50) Toluene-d8	10.443	98	696864	44.317	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.640%		
62) 4-Bromofluorobenzene	12.733	95	226832	45.081	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	49021	12.088	ug/l	99
3) Chloromethane	2.303	50	45921	11.292	ug/l	97
4) Vinyl Chloride	2.443	62	72754	11.830	ug/l	100
5) Bromomethane	2.864	94	76901	12.861	ug/l	98
6) Chloroethane	3.022	64	54773	12.097	ug/l	94
7) Trichlorofluoromethane	3.379	101	92163	11.949	ug/l	98
8) Diethyl Ether	3.829	74	28144	12.098	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.215	101	54114	12.696	ug/l	96
10) Methyl Iodide	4.427	142	68707	11.302	ug/l	99
11) Tert butyl alcohol	5.374	59	36067	46.633	ug/l	98
12) 1,1-Dichloroethene	4.189	96	46736	11.977	ug/l	94
13) Acrolein	4.044	56	21905	64.747	ug/l	99
14) Allyl chloride	4.846	41	59317	11.967	ug/l	98
15) Acrylonitrile	5.562	53	99567	57.312	ug/l	97
16) Acetone	4.291	43	102767	68.163	ug/l	100
17) Carbon Disulfide	4.537	76	117969	11.259	ug/l	100
18) Methyl Acetate	4.856	43	50251	11.331	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	158649	12.134	ug/l	94
20) Methylene Chloride	5.103	84	57275	12.437	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	53580	12.027	ug/l	96
22) Diisopropyl ether	6.495	45	131219	12.226	ug/l	97
23) Vinyl Acetate	6.436	43	491055	61.220	ug/l	98
24) 1,1-Dichloroethane	6.391	63	88019	12.104	ug/l	99
25) 2-Butanone	7.337	43	131748	59.508	ug/l	99
26) 2,2-Dichloropropane	7.327	77	84707	12.616	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	63763	12.186	ug/l	99
28) Bromochloromethane	7.659	49	38522	13.612	ug/l	96
29) Tetrahydrofuran	7.686	42	83294	57.631	ug/l	99
30) Chloroform	7.820	83	105975	12.318	ug/l	97
31) Cyclohexane	8.096	56	79702	11.544	ug/l	98
32) 1,1,1-Trichloroethane	8.018	97	98306	12.317	ug/l	99
36) 1,1-Dichloropropene	8.225	75	73104	12.217	ug/l	100
37) Ethyl Acetate	7.415	43	54136	11.893	ug/l	98
38) Carbon Tetrachloride	8.209	117	87816	12.250	ug/l	98
39) Methylcyclohexane	9.461	83	92152	12.172	ug/l	98
40) Benzene	8.464	78	219765	12.407	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068501.D
 Acq On : 16 Sep 2021 17:54
 Operator : JC/MD
 Sample : VN0916WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:32:56 PM

Quant Time: Sep 17 02:01:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	26213	11.703	ug/l	97
42) 1,2-Dichloroethane	8.531	62	75240	12.260	ug/l	99
43) Isopropyl Acetate	8.563	43	96684	12.039	ug/l	100
44) Trichloroethene	9.215	130	69807	12.448	ug/l	95
45) 1,2-Dichloropropane	9.491	63	51755	12.239	ug/l	99
46) Dibromomethane	9.579	93	41449	12.177	ug/l	97
47) Bromodichloromethane	9.764	83	81667	12.644	ug/l	96
48) Methyl methacrylate	9.563	41	41862	12.483	ug/l	95
49) 1,4-Dioxane	9.569	88	17855	232.099	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	280295	61.142	ug/l	97
52) Toluene	10.507	92	149848	12.751	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	79445	12.839	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	85636	12.629	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	59115	12.675	ug/l	97
56) Ethyl methacrylate	10.762	69	71389	12.324	ug/l	95
57) 1,3-Dichloropropane	11.046	76	89992	12.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	25677	65.363	ug/l	99
59) 2-Hexanone	11.089	43	194425	63.328	ug/l	97
60) Dibromochloromethane	11.242	129	69229	12.612	ug/l	99
61) 1,2-Dibromoethane	11.350	107	62414	12.622	ug/l	99
64) Tetrachloroethene	10.979	164	73189	12.697	ug/l	96
65) Chlorobenzene	11.771	112	167810	12.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	67754	12.898	ug/l	98
67) Ethyl Benzene	11.846	91	274868	12.570	ug/l	99
68) m/p-Xylenes	11.956	106	228575	25.960	ug/l	97
69) o-Xylene	12.283	106	110854	12.921	ug/l	98
70) Styrene	12.296	104	171105	13.159	ug/l	99
71) Bromoform	12.460	173	49609	12.319	ug/l #	98
73) Isopropylbenzene	12.581	105	279341	12.818	ug/l	99
74) N-amyl acetate	12.393	43	62131	12.783	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	76519	12.525	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	57519m	11.894	ug/l	
77) Bromobenzene	12.862	156	77351	12.832	ug/l	95
78) n-propylbenzene	12.924	91	295863	12.857	ug/l	100
79) 2-Chlorotoluene	13.010	91	183025	12.902	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	234378	13.239	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	18139	13.122	ug/l	91
82) 4-Chlorotoluene	13.106	91	177712	12.990	ug/l	98
83) tert-Butylbenzene	13.326	119	214349	13.261	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	222145	13.083	ug/l	100
85) sec-Butylbenzene	13.503	105	281273	13.197	ug/l	99
86) p-Isopropyltoluene	13.618	119	235442	13.087	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	133588	12.773	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	131533	12.760	ug/l	96
89) n-Butylbenzene	13.946	91	171374	13.077	ug/l	98
90) Hexachloroethane	14.211	117	42319	13.402	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	129902	12.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	13051	13.458	ug/l	84
93) 1,2,4-Trichlorobenzene	15.265	180	54514	11.832	ug/l	97
94) Hexachlorobutadiene	15.372	225	38268	12.853	ug/l	100
95) Naphthalene	15.509	128	115075	12.321	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	53642	12.195	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
Data File : VN068501.D
Acq On : 16 Sep 2021 17:54
Operator : JC/MD
Sample : VN0916WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:32:56 PM

Quant Time: Sep 17 02:01:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:04:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

