

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063092.D
 Acq On : 24 Aug 2020 13:51
 Operator : JC/MD
 Sample : VN0824WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:14:32 PM

Quant Time: Aug 25 01:03:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122017	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108504	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.55	113	88637	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.06	98	337579	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.38	95	120503	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	44420	20.065	ug/l	95
3) Chloromethane	2.04	50	49488	21.124	ug/l	100
4) Vinyl Chloride	2.16	62	47628	21.022	ug/l	99
5) Bromomethane	2.48	94	20517	15.257	ug/l	99
6) Chloroethane	2.60	64	30163	22.549	ug/l	100
7) Trichlorofluoromethane	2.93	101	59061	20.903	ug/l	99
8) Diethyl Ether	3.37	74	20846	20.855	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.69	101	29413	19.319	ug/l	98
10) Methyl Iodide	3.89	142	34891	18.080	ug/l	99
11) Tert butyl alcohol	4.78	59	18623	64.925	ug/l #	89
12) 1,1-Dichloroethene	3.67	96	26854	18.515	ug/l	97
13) Acrolein	3.57	56	2300	25.595	ug/l	96
14) Allyl chloride	4.26	41	49337	19.293	ug/l	99
15) Acrylonitrile	4.93	53	91518	108.552	ug/l	99
16) Acetone	3.79	43	65339	101.132	ug/l	96
17) Carbon Disulfide	3.99	76	66099	17.402	ug/l	98
18) Methyl Acetate	4.28	43	43973	21.851	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	108948	21.540	ug/l	100
20) Methylene Chloride	4.49	84	37799	20.380	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	29754	19.603	ug/l	98
22) Diisopropyl ether	5.90	45	127530	21.976	ug/l	99
23) Vinyl Acetate	5.84	43	399870	102.112	ug/l	100
24) 1,1-Dichloroethane	5.79	63	66786	20.595	ug/l	98
25) 2-Butanone	6.80	43	106352	98.922	ug/l	100
26) 2,2-Dichloropropane	6.77	77	52028	20.401	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	38442	20.207	ug/l	99
28) Bromochloromethane	7.15	49	32670	19.255	ug/l	97
29) Tetrahydrofuran	7.17	42	72186	104.033	ug/l	99
30) Chloroform	7.33	83	66449	20.346	ug/l	98
31) Cyclohexane	7.61	56	56141	18.810	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	53679	20.133	ug/l	99
36) 1,1-Dichloropropene	7.75	75	43646	19.037	ug/l	99
37) Ethyl Acetate	6.89	43	44706	20.810	ug/l	99
38) Carbon Tetrachloride	7.73	117	45181	19.519	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063092.D
 Acq On : 24 Aug 2020 13:51
 Operator : JC/MD
 Sample : VN0824WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:14:32 PM

Quant Time: Aug 25 01:03:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48026	16.593	ug/l	94
40) Benzene	8.00	78	142086	19.539	ug/l	98
41) Methacrylonitrile	7.12	41	18231	17.811	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	50353	20.622	ug/l	100
43) Isopropyl Acetate	8.13	43	73216	20.571	ug/l #	90
44) Trichloroethene	8.80	130	34628	19.144	ug/l	94
45) 1,2-Dichloropropane	9.08	63	42531	20.234	ug/l	100
46) Dibromomethane	9.17	93	24895	20.502	ug/l	99
47) Bromodichloromethane	9.37	83	53512	20.120	ug/l	99
48) Methyl methacrylate	9.17	41	34579	20.534	ug/l	98
49) 1,4-Dioxane	9.17	88	6338	183.711	ug/l #	92
51) 4-Methyl-2-Pentanone	9.96	43	244608	108.730	ug/l	99
52) Toluene	10.12	92	89107	20.313	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	57825	21.025	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63140	20.927	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	39419	21.016	ug/l	98
56) Ethyl methacrylate	10.40	69	52422	19.206	ug/l	97
57) 1,3-Dichloropropane	10.68	76	65369	20.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	66245	101.669	ug/l	97
59) 2-Hexanone	10.73	43	171579	109.341	ug/l	96
60) Dibromochloromethane	10.88	129	43193	20.809	ug/l	100
61) 1,2-Dibromoethane	10.98	107	38398	21.305	ug/l	98
64) Tetrachloroethene	10.60	164	30050	18.154	ug/l	97
65) Chlorobenzene	11.41	112	99240	19.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	38497	19.570	ug/l	97
67) Ethyl Benzene	11.48	91	167335	19.581	ug/l	99
68) m/p-Xylenes	11.60	106	127215	40.053	ug/l	99
69) o-Xylene	11.92	106	61709	20.233	ug/l	99
70) Styrene	11.94	104	109324	19.291	ug/l	99
71) Bromoform	12.10	173	31600	20.182	ug/l #	97
73) Isopropylbenzene	12.23	105	163623	19.582	ug/l	99
74) N-amyl acetate	12.05	43	64616	21.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	61220	21.754	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	52266m	22.037	ug/l	
77) Bromobenzene	12.50	156	45852	19.952	ug/l	97
78) n-propylbenzene	12.57	91	188178	19.758	ug/l	99
79) 2-Chlorotoluene	12.65	91	118452	19.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	137524	19.910	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18283	21.172	ug/l	94
82) 4-Chlorotoluene	12.75	91	119802	19.640	ug/l	98
83) tert-Butylbenzene	12.97	119	115515	19.376	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	127330	18.922	ug/l	100
85) sec-Butylbenzene	13.15	105	149843	18.598	ug/l	99
86) p-Isopropyltoluene	13.26	119	124308	17.707	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	78882	19.973	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80266	20.024	ug/l	99
89) n-Butylbenzene	13.59	91	97693	16.639	ug/l	98
90) Hexachloroethane	13.85	117	26927	18.045	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	78508	20.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9920	23.573	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
Data File : VN063092.D
Acq On : 24 Aug 2020 13:51
Operator : JC/MD
Sample : VN0824WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Manual Integrations
APPROVED

MMDadoda
8/25/2020 12:14:32 PM

Quant Time: Aug 25 01:03:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34857	19.530	ug/l	98
94) Hexachlorobutadiene	14.98	225	22206	15.752	ug/l	100
95) Naphthalene	15.11	128	74296	19.181	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	32427	18.367	ug/l	99

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

