

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083831.D
 Acq On : 12 Sep 2024 15:05
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	173409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123929	47.396	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.800%		
35) Dibromofluoromethane	8.165	113	90381	46.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.320%		
50) Toluene-d8	10.565	98	323178	47.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.847	95	130056	46.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	35499	17.627	ug/l	95
3) Chloromethane	2.359	50	36379	16.451	ug/l	98
4) Vinyl Chloride	2.512	62	37355	16.923	ug/l	94
5) Bromomethane	2.900	94	20663	16.304	ug/l	96
6) Chloroethane	3.071	64	25367	16.383	ug/l	99
7) Trichlorofluoromethane	3.459	101	63668	16.992	ug/l	95
8) Diethyl Ether	3.959	74	22355	17.798	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.347	101	33810	17.024	ug/l	98
10) Methyl Iodide	4.577	142	43147	17.082	ug/l	98
11) Tert butyl alcohol	5.547	59	46892	133.923	ug/l #	94
12) 1,1-Dichloroethene	4.324	96	31612	16.854	ug/l	91
13) Acrolein	4.177	56	38480	111.384	ug/l	98
14) Allyl chloride	5.012	41	58709	17.567	ug/l	98
15) Acrylonitrile	5.724	53	89515	94.007	ug/l	98
16) Acetone	4.430	43	89596	85.476	ug/l	100
17) Carbon Disulfide	4.694	76	80939	15.427	ug/l	100
18) Methyl Acetate	5.024	43	47024	20.434	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	121355	17.880	ug/l	100
20) Methylene Chloride	5.271	84	36481	17.008	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	32197	16.018	ug/l	94
22) Diisopropyl ether	6.671	45	119515	17.372	ug/l	99
23) Vinyl Acetate	6.600	43	477121	94.702	ug/l	99
24) 1,1-Dichloroethane	6.565	63	66515	16.782	ug/l	99
25) 2-Butanone	7.482	43	131055	95.127	ug/l	97
26) 2,2-Dichloropropane	7.488	77	61730	16.912	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	41841	17.535	ug/l	99
28) Bromochloromethane	7.812	49	27857	16.689	ug/l	97
29) Tetrahydrofuran	7.835	42	81924	100.568	ug/l	98
30) Chloroform	7.965	83	69802	16.588	ug/l	98
31) Cyclohexane	8.253	56	60513	16.013	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	65062	16.815	ug/l	98
36) 1,1-Dichloropropene	8.365	75	48398	16.424	ug/l	99
37) Ethyl Acetate	7.559	43	53129	19.862	ug/l	100
38) Carbon Tetrachloride	8.365	117	56934	17.030	ug/l	95
39) Methylcyclohexane	9.600	83	52747	15.725	ug/l	99
40) Benzene	8.606	78	147337	16.611	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28595	18.075	ug/l	98
42) 1,2-Dichloroethane	8.665	62	58422	17.627	ug/l	99
43) Isopropyl Acetate	8.688	43	149383	30.818	ug/l #	86
44) Trichloroethene	9.347	130	34255	16.677	ug/l	95
45) 1,2-Dichloropropane	9.618	63	37382	17.438	ug/l	89
46) Dibromomethane	9.706	93	25897	17.247	ug/l	98
47) Bromodichloromethane	9.888	83	55958	17.220	ug/l	97
48) Methyl methacrylate	9.682	41	43839	19.063	ug/l	97
49) 1,4-Dioxane	9.700	88	13538	357.848	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	278516	105.555	ug/l	98
52) Toluene	10.629	92	94248	17.372	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56920	17.280	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	61299	17.716	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34640	17.103	ug/l	94
56) Ethyl methacrylate	10.876	69	63578	20.402	ug/l	97
57) 1,3-Dichloropropane	11.165	76	60694	17.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	125770	112.011	ug/l	99
59) 2-Hexanone	11.194	43	211373	108.295	ug/l	98
60) Dibromochloromethane	11.359	129	40200	17.735	ug/l	99
61) 1,2-Dibromoethane	11.470	107	36539	18.089	ug/l	98
64) Tetrachloroethene	11.100	164	27187	15.355	ug/l	95
65) Chlorobenzene	11.894	112	98406	16.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	35986	17.542	ug/l	99
67) Ethyl Benzene	11.965	91	180594	17.180	ug/l	98
68) m/p-Xylenes	12.070	106	131658	33.736	ug/l	100
69) o-Xylene	12.394	106	65671	17.382	ug/l	100
70) Styrene	12.412	104	109139	17.602	ug/l	98
71) Bromoform	12.576	173	26008	18.814	ug/l #	98
73) Isopropylbenzene	12.694	105	164976	16.330	ug/l	100
74) N-amyl acetate	12.494	43	90666	21.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	54310	18.297	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45638m	17.321	ug/l	
77) Bromobenzene	12.976	156	39607	16.287	ug/l	98
78) n-propylbenzene	13.035	91	189987	16.163	ug/l	99
79) 2-Chlorotoluene	13.123	91	122468	16.337	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	139765	16.409	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19425	19.309	ug/l	100
82) 4-Chlorotoluene	13.217	91	121094	16.097	ug/l	100
83) tert-Butylbenzene	13.435	119	123425	16.563	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141822	16.576	ug/l	99
85) sec-Butylbenzene	13.617	105	162683	16.461	ug/l	99
86) p-Isopropyltoluene	13.729	119	137354	16.580	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	71583	15.598	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	71795	15.450	ug/l	98
89) n-Butylbenzene	14.059	91	118099	15.878	ug/l	100
90) Hexachloroethane	14.335	117	26480	15.901	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	72600	16.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12386	20.933	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	35717	15.027	ug/l	96
94) Hexachlorobutadiene	15.500	225	15452	15.308	ug/l	96
95) Naphthalene	15.641	128	136550	18.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35676	15.706	ug/l	98

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

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