

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081852.D
 Acq On : 25 Apr 2024 15:53
 Operator : JC\MD
 Sample : VN0425WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2024
 Supervised By : Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 05:35:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170111	46.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.580%		
35) Dibromofluoromethane	8.165	113	113963	45.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.040%		
50) Toluene-d8	10.565	98	455874	45.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.700%		
62) 4-Bromofluorobenzene	12.847	95	170518	43.386	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	86.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57750	18.894	ug/l	98
3) Chloromethane	2.365	50	57916	18.164	ug/l	96
4) Vinyl Chloride	2.518	62	55993	19.399	ug/l	97
5) Bromomethane	2.959	94	25164	17.123	ug/l	95
6) Chloroethane	3.124	64	28329	19.419	ug/l #	87
7) Trichlorofluoromethane	3.501	101	82407	18.457	ug/l	97
8) Diethyl Ether	3.959	74	37546	19.796	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	51582	19.899	ug/l	91
10) Methyl Iodide	4.589	142	46489	20.476	ug/l	91
11) Tert butyl alcohol	5.512	59	70414	105.404	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	50263	19.060	ug/l #	82
13) Acrolein	4.183	56	50389	92.066	ug/l	96
14) Allyl chloride	5.024	41	101499	18.196	ug/l #	92
15) Acrylonitrile	5.718	53	155932	97.207	ug/l	96
16) Acetone	4.430	43	114455	102.092	ug/l	94
17) Carbon Disulfide	4.718	76	139330	17.578	ug/l #	93
18) Methyl Acetate	5.024	43	73897	19.853	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	197631	19.860	ug/l	99
20) Methylene Chloride	5.277	84	59600	18.925	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	52215	18.160	ug/l #	77
22) Diisopropyl ether	6.665	45	214089	19.834	ug/l #	93
23) Vinyl Acetate	6.606	43	877541	100.056	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	108633	19.336	ug/l	98
25) 2-Butanone	7.483	43	203352	97.498	ug/l	91
26) 2,2-Dichloropropane	7.489	77	98976	19.151	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	65320	19.441	ug/l	86
28) Bromochloromethane	7.812	49	52507	19.664	ug/l #	74
29) Tetrahydrofuran	7.841	42	141257	94.443	ug/l	89
30) Chloroform	7.965	83	105301	18.909	ug/l	96
31) Cyclohexane	8.259	56	101250	18.290	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	90777	18.279	ug/l	95
36) 1,1-Dichloropropene	8.371	75	75301	18.284	ug/l	98
37) Ethyl Acetate	7.553	43	89353	20.066	ug/l #	93
38) Carbon Tetrachloride	8.365	117	74511	18.511	ug/l	93
39) Methylcyclohexane	9.600	83	94180	18.829	ug/l	90
40) Benzene	8.606	78	237417	19.203	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	52507	18.480	ug/l	89
42) 1,2-Dichloroethane	8.671	62	87012	18.953	ug/l	97
43) Isopropyl Acetate	8.688	43	162671	19.429	ug/l	94
44) Trichloroethene	9.353	130	54030	18.955	ug/l	97
45) 1,2-Dichloropropane	9.624	63	63703	19.688	ug/l	97
46) Dibromomethane	9.712	93	40692	18.195	ug/l	92
47) Bromodichloromethane	9.888	83	89803	19.041	ug/l	97
48) Methyl methacrylate	9.683	41	79237	19.824	ug/l #	85
49) 1,4-Dioxane	9.694	88	24308	400.123	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	467720	99.232	ug/l	93
52) Toluene	10.635	92	149280	20.162	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	102148	19.904	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	103691	19.604	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	55017	18.894	ug/l	91
56) Ethyl methacrylate	10.877	69	107702	19.425	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	102473	19.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	241738	95.704	ug/l	89
59) 2-Hexanone	11.194	43	350536	99.932	ug/l	92
60) Dibromochloromethane	11.359	129	60216	19.525	ug/l	98
61) 1,2-Dibromoethane	11.471	107	54469	19.561	ug/l	99
64) Tetrachloroethene	11.106	164	52340	20.270	ug/l	91
65) Chlorobenzene	11.894	112	152051	19.585	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	50850	20.153	ug/l	96
67) Ethyl Benzene	11.965	91	282787	19.586	ug/l	96
68) m/p-Xylenes	12.071	106	204878	39.781	ug/l	91
69) o-Xylene	12.400	106	100245	19.937	ug/l	88
70) Styrene	12.412	104	168052	19.321	ug/l	93
71) Bromoform	12.582	173	36582	18.442	ug/l #	97
73) Isopropylbenzene	12.694	105	253438	18.699	ug/l	99
74) N-amyl acetate	12.494	43	145933	19.339	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	70501	17.321	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71775m	18.159	ug/l	
77) Bromobenzene	12.982	156	53180	18.750	ug/l	67
78) n-propylbenzene	13.035	91	308640	18.747	ug/l	95
79) 2-Chlorotoluene	13.123	91	190853	18.221	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	215312	18.773	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	32024	16.602	ug/l	89
82) 4-Chlorotoluene	13.223	91	190167	18.700	ug/l	89
83) tert-Butylbenzene	13.441	119	179084	18.750	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	217173	18.961	ug/l	98
85) sec-Butylbenzene	13.618	105	251316	18.680	ug/l	95
86) p-Isopropyltoluene	13.729	119	207430	19.202	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	98239	18.563	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	99709	19.133	ug/l	95
89) n-Butylbenzene	14.059	91	189306	18.827	ug/l	96
90) Hexachloroethane	14.335	117	38446	18.092	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	95384	18.801	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16735	16.888	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	53430	18.825	ug/l	98
94) Hexachlorobutadiene	15.506	225	20838	19.919	ug/l	97
95) Naphthalene	15.641	128	197523	18.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53282	19.553	ug/l	97

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

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