

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081429.D
 Acq On : 15 Mar 2024 16:53
 Operator : JC\MD
 Sample : VN0315WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 23:34:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	285255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226032	54.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.600%			
35) Dibromofluoromethane	8.171	113	171347	53.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	652048	54.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.360%			
62) 4-Bromofluorobenzene	12.847	95	223478	52.537	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79380	20.992	ug/l	99
3) Chloromethane	2.365	50	76193	18.654	ug/l	98
4) Vinyl Chloride	2.518	62	80324	18.851	ug/l	97
5) Bromomethane	2.959	94	52943	18.604	ug/l	94
6) Chloroethane	3.124	64	57369	19.602	ug/l	91
7) Trichlorofluoromethane	3.500	101	128833	20.438	ug/l	94
8) Diethyl Ether	3.959	74	44065	19.842	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.383	101	68800	19.166	ug/l	91
10) Methyl Iodide	4.595	142	64967	19.777	ug/l	93
11) Tert butyl alcohol	5.518	59	69031	95.717	ug/l	100
12) 1,1-Dichloroethene	4.336	96	64239	19.324	ug/l	83
13) Acrolein	4.177	56	61571	72.099	ug/l	97
14) Allyl chloride	5.030	41	95026	19.262	ug/l	86
15) Acrylonitrile	5.718	53	190959	101.354	ug/l	97
16) Acetone	4.430	43	148663	101.732	ug/l	95
17) Carbon Disulfide	4.718	76	165161	17.408	ug/l #	93
18) Methyl Acetate	5.024	43	101596	24.283	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	231427	20.526	ug/l	95
20) Methylene Chloride	5.283	84	78687	21.333	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	69247	18.476	ug/l	92
22) Diisopropyl ether	6.677	45	238571	21.772	ug/l #	91
23) Vinyl Acetate	6.606	43	901554	101.277	ug/l	96
24) 1,1-Dichloroethane	6.565	63	140350	20.924	ug/l	97
25) 2-Butanone	7.483	43	248925	101.716	ug/l #	90
26) 2,2-Dichloropropane	7.500	77	110204	18.589	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	82974	19.527	ug/l	92
28) Bromochloromethane	7.818	49	56233	19.593	ug/l #	71
29) Tetrahydrofuran	7.841	42	167071	100.116	ug/l	92
30) Chloroform	7.971	83	148552	21.341	ug/l	100
31) Cyclohexane	8.259	56	118464	18.971	ug/l #	88
32) 1,1,1-Trichloroethane	8.171	97	130645	21.234	ug/l	94
36) 1,1-Dichloropropene	8.371	75	109058	20.997	ug/l	96
37) Ethyl Acetate	7.565	43	102474	20.183	ug/l	98
38) Carbon Tetrachloride	8.365	117	111100	21.253	ug/l	95
39) Methylcyclohexane	9.600	83	111118	18.589	ug/l	96
40) Benzene	8.612	78	308407	19.893	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55093	19.214	ug/l	94
42) 1,2-Dichloroethane	8.671	62	116835	21.374	ug/l	96
43) Isopropyl Acetate	8.688	43	170983	19.240	ug/l	96
44) Trichloroethene	9.353	130	76976	19.686	ug/l	97
45) 1,2-Dichloropropane	9.624	63	81581	20.947	ug/l	90
46) Dibromomethane	9.712	93	59167	21.553	ug/l	93
47) Bromodichloromethane	9.894	83	116518	21.864	ug/l #	95
48) Methyl methacrylate	9.682	41	79756	20.304	ug/l	91
49) 1,4-Dioxane	9.694	88	33318	384.819	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	538043	104.270	ug/l	97
52) Toluene	10.635	92	190321	20.322	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	116921	20.277	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132017	21.209	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	78702	21.191	ug/l	96
56) Ethyl methacrylate	10.876	69	110444	20.710	ug/l	93
57) 1,3-Dichloropropane	11.165	76	133298	20.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	288640	100.620	ug/l #	90
59) 2-Hexanone	11.200	43	394176	102.181	ug/l	98
60) Dibromochloromethane	11.359	129	82333	21.526	ug/l	97
61) 1,2-Dibromoethane	11.471	107	79378	20.599	ug/l	98
64) Tetrachloroethene	11.106	164	74457	19.694	ug/l	96
65) Chlorobenzene	11.894	112	201783	19.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75734	20.340	ug/l	97
67) Ethyl Benzene	11.965	91	357621	19.512	ug/l	95
68) m/p-Xylenes	12.076	106	273927	39.712	ug/l	98
69) o-Xylene	12.400	106	129621	19.390	ug/l	98
70) Styrene	12.412	104	217839	20.562	ug/l	98
71) Bromoform	12.576	173	52246	20.212	ug/l #	99
73) Isopropylbenzene	12.700	105	347100	20.366	ug/l	98
74) N-amyl acetate	12.494	43	142062	19.866	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	106932	20.331	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	101830m	20.427	ug/l	
77) Bromobenzene	12.982	156	74753	18.500	ug/l	85
78) n-propylbenzene	13.041	91	412311	20.454	ug/l	98
79) 2-Chlorotoluene	13.129	91	249163	20.222	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	287648	20.418	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	33438	18.720	ug/l #	80
82) 4-Chlorotoluene	13.223	91	247003	20.296	ug/l	97
83) tert-Butylbenzene	13.441	119	249870	20.688	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	297056	20.812	ug/l	99
85) sec-Butylbenzene	13.617	105	348531	19.947	ug/l	94
86) p-Isopropyltoluene	13.735	119	285756	20.393	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	146119	19.151	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	145759	19.113	ug/l	99
89) n-Butylbenzene	14.059	91	244632	19.037	ug/l	97
90) Hexachloroethane	14.341	117	52187	21.272	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	143742	19.635	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22406	19.907	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	71708	18.326	ug/l	99
94) Hexachlorobutadiene	15.500	225	28401	17.565	ug/l	100
95) Naphthalene	15.647	128	249864	17.945	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	78098	19.681	ug/l	96

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

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