

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083253.D
 Acq On : 13 Aug 2024 13:19
 Operator : JC\MD
 Sample : P3440-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 923-K1-WS-080124MSD

Quant Time: Aug 14 01:42:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	129741	58.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.900%			
35) Dibromofluoromethane	8.171	113	95115	53.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	10.565	98	357588	53.721	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.440%			
62) 4-Bromofluorobenzene	12.847	95	138585	53.404	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87005	49.201	ug/l	100
3) Chloromethane	2.359	50	94201	52.032	ug/l	99
4) Vinyl Chloride	2.518	62	102143	55.292	ug/l	99
5) Bromomethane	2.942	94	58982	51.455	ug/l	97
6) Chloroethane	3.112	64	64144	55.499	ug/l	98
7) Trichlorofluoromethane	3.494	101	167732	54.962	ug/l	98
8) Diethyl Ether	3.959	74	63175	55.631	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	84580	50.269	ug/l	99
10) Methyl Iodide	4.589	142	118277	53.440	ug/l	97
11) Tert butyl alcohol	5.524	59	123570	267.888	ug/l	99
12) 1,1-Dichloroethene	4.341	96	90090	52.117	ug/l	89
13) Acrolein	4.183	56	81368	270.656	ug/l	99
14) Allyl chloride	5.024	41	136036	41.644	ug/l	94
15) Acrylonitrile	5.718	53	255250	269.059	ug/l	98
16) Acetone	4.430	43	216456	249.223	ug/l	96
17) Carbon Disulfide	4.712	76	232366	45.941	ug/l	98
18) Methyl Acetate	5.030	43	120528	46.577	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	342821	54.945	ug/l	96
20) Methylene Chloride	5.277	84	101153	50.605	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	92616	51.839	ug/l	94
22) Diisopropyl ether	6.677	45	338161	55.072	ug/l	97
23) Vinyl Acetate	6.600	43	1429164	227.076	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	189126	56.508	ug/l	99
25) 2-Butanone	7.482	43	339743	254.758	ug/l	92
26) 2,2-Dichloropropane	7.494	77	86362	27.785	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	116633	54.100	ug/l	87
28) Bromochloromethane	7.812	49	71537	52.301	ug/l	86
29) Tetrahydrofuran	7.841	42	223132	258.830	ug/l #	87
30) Chloroform	7.965	83	201371	57.912	ug/l	98
31) Cyclohexane	8.253	56	149980	45.596	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	184811	56.151	ug/l	95
36) 1,1-Dichloropropene	8.371	75	133128	49.318	ug/l	98
37) Ethyl Acetate	7.559	43	125029	41.368	ug/l #	96
38) Carbon Tetrachloride	8.365	117	158075	51.993	ug/l	96
39) Methylcyclohexane	9.600	83	145533	43.895	ug/l	99
40) Benzene	8.606	78	420444	52.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	82571	48.049	ug/l	95
42) 1,2-Dichloroethane	8.671	62	158641	54.156	ug/l	98
43) Isopropyl Acetate	8.688	43	243672	46.243	ug/l #	94
44) Trichloroethene	9.353	130	97321	50.846	ug/l	93
45) 1,2-Dichloropropane	9.623	63	101124	52.978	ug/l	96
46) Dibromomethane	9.706	93	74003	54.164	ug/l	99
47) Bromodichloromethane	9.888	83	162866	53.089	ug/l	99
48) Methyl methacrylate	9.682	41	121738	48.720	ug/l	92
49) 1,4-Dioxane	9.694	88	40855	906.284	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	746873	261.321	ug/l	94
52) Toluene	10.629	92	271678	53.471	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	149821	47.544	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	156743	46.764	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	99103	54.427	ug/l	98
56) Ethyl methacrylate	10.876	69	177572	51.731	ug/l	88
57) 1,3-Dichloropropane	11.165	76	174820	53.865	ug/l	99
59) 2-Hexanone	11.194	43	556592	251.725	ug/l	93
60) Dibromochloromethane	11.359	129	121572	55.223	ug/l	98
61) 1,2-Dibromoethane	11.470	107	101519	53.074	ug/l	99
64) Tetrachloroethene	11.106	164	77314	46.047	ug/l	96
65) Chlorobenzene	11.894	112	284478	50.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	101457	51.346	ug/l	99
67) Ethyl Benzene	11.965	91	518438	50.442	ug/l	99
68) m/p-Xylenes	12.070	106	389420	101.148	ug/l	98
69) o-Xylene	12.400	106	192528	50.703	ug/l	99
70) Styrene	12.412	104	326533	51.201	ug/l	99
71) Bromoform	12.576	173	79279	52.962	ug/l #	100
73) Isopropylbenzene	12.694	105	499234	49.967	ug/l	100
74) N-amyl acetate	12.494	43	202141	41.362	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	145817	51.601	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	127621m	48.679	ug/l	
77) Bromobenzene	12.982	156	114714	51.685	ug/l	98
78) n-propylbenzene	13.035	91	573848	49.879	ug/l	99
79) 2-Chlorotoluene	13.123	91	366647	50.267	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	425230	50.836	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	42431	35.206	ug/l	95
82) 4-Chlorotoluene	13.223	91	363018	49.617	ug/l	99
83) tert-Butylbenzene	13.441	119	371448	50.143	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	426185	50.557	ug/l	100
85) sec-Butylbenzene	13.617	105	500755	49.541	ug/l	99
86) p-Isopropyltoluene	13.729	119	414753	49.695	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	208070	49.822	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	209387	49.732	ug/l	97
89) n-Butylbenzene	14.053	91	343404	47.486	ug/l	99
90) Hexachloroethane	14.329	117	79630	49.386	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	202493	50.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32608	47.553	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	106657	47.108	ug/l	99
94) Hexachlorobutadiene	15.500	225	41631	41.345	ug/l	98
95) Naphthalene	15.641	128	395305	49.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107768	48.105	ug/l	98

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

