

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082594.D
 Acq On : 14 Jun 2024 19:42
 Operator : JC\MD
 Sample : P2890-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-338-340MSD

Quant Time: Jun 14 23:51:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	242404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123013	51.734	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.460%			
35) Dibromofluoromethane	8.165	113	90590	56.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.920%			
50) Toluene-d8	10.570	98	311284	51.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.853	95	118569	54.482	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	118388	54.529	ug/l	100
3) Chloromethane	2.359	50	131258	53.346	ug/l	97
4) Vinyl Chloride	2.512	62	132605	57.327	ug/l	98
5) Bromomethane	2.942	94	75693	56.931	ug/l	86
6) Chloroethane	3.118	64	90890	60.177	ug/l	99
7) Trichlorofluoromethane	3.494	101	172371	56.908	ug/l	98
8) Diethyl Ether	3.959	74	61529	57.022	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	96534	54.557	ug/l	99
10) Methyl Iodide	4.589	142	110915	62.355	ug/l	99
11) Tert butyl alcohol	5.535	59	106888	280.038	ug/l	99
12) 1,1-Dichloroethene	4.336	96	92798	56.426	ug/l #	77
13) Acrolein	4.183	56	78909	278.981	ug/l	98
14) Allyl chloride	5.024	41	198274	56.311	ug/l #	86
15) Acrylonitrile	5.724	53	306688	310.245	ug/l	100
16) Acetone	4.430	43	271399	278.238	ug/l	92
17) Carbon Disulfide	4.712	76	260432	49.030	ug/l	100
18) Methyl Acetate	5.030	43	137219	56.488	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	356999	59.388	ug/l	93
20) Methylene Chloride	5.277	84	110747	56.273	ug/l #	73
21) trans-1,2-Dichloroethene	5.788	96	99023	55.252	ug/l	86
22) Diisopropyl ether	6.671	45	431497	58.687	ug/l #	93
23) Vinyl Acetate	6.606	43	1572296	271.232	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	217925	57.505	ug/l	98
25) 2-Butanone	7.488	43	440248	297.688	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	139240	43.866	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	120112	56.789	ug/l	82
28) Bromochloromethane	7.812	49	85342	51.906	ug/l #	75
29) Tetrahydrofuran	7.841	42	300767	316.754	ug/l #	82
30) Chloroform	7.965	83	215741	59.615	ug/l	99
31) Cyclohexane	8.259	56	183106	48.215	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	191651	59.693	ug/l	94
36) 1,1-Dichloropropene	8.371	75	149947	56.217	ug/l	96
37) Ethyl Acetate	7.565	43	173627	58.166	ug/l #	94
38) Carbon Tetrachloride	8.365	117	163701	60.543	ug/l	99
39) Methylcyclohexane	9.606	83	150363	51.429	ug/l #	88
40) Benzene	8.606	78	466280	58.623	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	101436	57.781	ug/l #	86
42) 1,2-Dichloroethane	8.676	62	179819	58.782	ug/l	96
43) Isopropyl Acetate	8.694	43	315717	59.690	ug/l #	88
44) Trichloroethene	9.353	130	101564	56.213	ug/l	96
45) 1,2-Dichloropropane	9.623	63	121637	59.271	ug/l	94
46) Dibromomethane	9.712	93	80855	60.011	ug/l	99
47) Bromodichloromethane	9.888	83	175254	61.615	ug/l	96
48) Methyl methacrylate	9.682	41	150305	59.637	ug/l #	83
49) 1,4-Dioxane	9.694	88	46082	1304.813	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	973090	323.802	ug/l	89
52) Toluene	10.635	92	286146	59.948	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	175961	59.816	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	174385	56.003	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	108914	62.789	ug/l	98
56) Ethyl methacrylate	10.876	69	186001	63.158	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	197270	60.825	ug/l	100
59) 2-Hexanone	11.200	43	716009	325.395	ug/l	90
60) Dibromochloromethane	11.365	129	131302	68.592	ug/l	99
61) 1,2-Dibromoethane	11.470	107	109171	61.275	ug/l	98
64) Tetrachloroethene	11.106	164	99397	55.322	ug/l	96
65) Chlorobenzene	11.894	112	304047	56.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	111424	63.168	ug/l	99
67) Ethyl Benzene	11.964	91	546970	57.098	ug/l	98
68) m/p-Xylenes	12.076	106	411961	117.337	ug/l	95
69) o-Xylene	12.400	106	199102	58.543	ug/l	94
70) Styrene	12.412	104	321537	56.919	ug/l	95
71) Bromoform	12.576	173	89184	63.380	ug/l #	98
73) Isopropylbenzene	12.700	105	502270	53.816	ug/l	98
74) N-amyl acetate	12.494	43	259743	50.595	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	157092	58.390	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	151858m	61.414	ug/l	
77) Bromobenzene	12.982	156	122483	55.068	ug/l	88
78) n-propylbenzene	13.035	91	602332	54.500	ug/l	97
79) 2-Chlorotoluene	13.129	91	368502	53.098	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	419396	55.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	57818	54.691	ug/l #	84
82) 4-Chlorotoluene	13.223	91	369991	54.528	ug/l	95
83) tert-Butylbenzene	13.441	119	360480	54.600	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	428116	55.449	ug/l	98
85) sec-Butylbenzene	13.617	105	488182	53.346	ug/l	99
86) p-Isopropyltoluene	13.729	119	404869	54.438	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	222705	55.267	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	219310	53.325	ug/l	98
89) n-Butylbenzene	14.058	91	340307	50.909	ug/l	98
90) Hexachloroethane	14.335	117	82240	59.683	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	214466	56.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34245	61.952	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	102573	47.975	ug/l	98
94) Hexachlorobutadiene	15.505	225	43132	45.975	ug/l	95
95) Naphthalene	15.641	128	359336	53.630	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	107603	50.273	ug/l	98

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

