

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084541.D
 Acq On : 28 Oct 2024 15:53
 Operator : JC\MD
 Sample : P4550-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-338-340MSD

Quant Time: Oct 28 18:35:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/29/2024
 Supervised By :Semsettin Yesilyurt 10/29/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122304	53.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	8.165	113	98179	54.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.980%			
50) Toluene-d8	10.565	98	352123	53.605	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.220%			
62) 4-Bromofluorobenzene	12.847	95	136392	56.994	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85573	46.813	ug/l	93
3) Chloromethane	2.359	50	95744	45.872	ug/l	96
4) Vinyl Chloride	2.512	62	99148	49.040	ug/l	100
5) Bromomethane	2.948	94	62729	47.039	ug/l	100
6) Chloroethane	3.118	64	63038	43.536	ug/l	96
7) Trichlorofluoromethane	3.495	101	167421	53.179	ug/l	100
8) Diethyl Ether	3.959	74	60399	51.728	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	97280	53.927	ug/l	97
10) Methyl Iodide	4.583	142	122930	52.916	ug/l	96
11) Tert butyl alcohol	5.524	59	88009	232.938	ug/l	99
12) 1,1-Dichloroethene	4.342	96	92223	53.002	ug/l	95
13) Acrolein	4.177	56	109576	252.628	ug/l	98
14) Allyl chloride	5.018	41	145067	48.005	ug/l	96
15) Acrylonitrile	5.718	53	259448	271.928	ug/l	99
16) Acetone	4.430	43	206504	209.796	ug/l	96
17) Carbon Disulfide	4.712	76	241414	43.822	ug/l	99
18) Methyl Acetate	5.030	43	129085	60.169	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	320220	54.526	ug/l	98
20) Methylene Chloride	5.277	84	106388	53.170	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	96257	52.803	ug/l	98
22) Diisopropyl ether	6.671	45	341560	54.644	ug/l	100
23) Vinyl Acetate	6.600	43	1185670	255.748	ug/l	97
24) 1,1-Dichloroethane	6.565	63	191176	54.692	ug/l	99
25) 2-Butanone	7.483	43	337019	251.386	ug/l	98
26) 2,2-Dichloropropane	7.488	77	158703	50.354	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	119318	54.165	ug/l	96
28) Bromochloromethane	7.812	49	76267	48.901	ug/l	95
29) Tetrahydrofuran	7.835	42	224350	271.173	ug/l	97
30) Chloroform	7.965	83	200327	55.172	ug/l	100
31) Cyclohexane	8.253	56	153830	45.325	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	178117	54.621	ug/l	99
36) 1,1-Dichloropropene	8.371	75	131591	50.741	ug/l	99
37) Ethyl Acetate	7.559	43	135651	50.985	ug/l	99
38) Carbon Tetrachloride	8.359	117	153184	53.846	ug/l	97
39) Methylcyclohexane	9.600	83	144215	49.964	ug/l	99
40) Benzene	8.606	78	429517	53.157	ug/l	97

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Reviewed By :Mahesh Dadoda 10/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78943	54.654	ug/l	98
42) 1,2-Dichloroethane	8.671	62	143182	52.270	ug/l	99
43) Isopropyl Acetate	8.688	43	229248	43.990	ug/l	98
44) Trichloroethene	9.347	130	97377	51.599	ug/l	96
45) 1,2-Dichloropropane	9.618	63	106589	55.763	ug/l	99
46) Dibromomethane	9.706	93	74032	57.393	ug/l	97
47) Bromodichloromethane	9.888	83	156816	54.719	ug/l	99
48) Methyl methacrylate	9.682	41	113200	54.567	ug/l	99
49) 1,4-Dioxane	9.694	88	37253	975.420	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	706513	278.946	ug/l	99
52) Toluene	10.629	92	269566	54.709	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157268	53.835	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	161305	51.335	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	100849	57.093	ug/l	97
56) Ethyl methacrylate	10.871	69	164976	56.761	ug/l	98
57) 1,3-Dichloropropane	11.165	76	173131	54.852	ug/l	99
59) 2-Hexanone	11.194	43	518127	273.701	ug/l	98
60) Dibromochloromethane	11.359	129	120574	57.772	ug/l	99
61) 1,2-Dibromoethane	11.471	107	100524	54.769	ug/l	100
64) Tetrachloroethene	11.100	164	86425	51.220	ug/l	97
65) Chlorobenzene	11.888	112	281063	52.326	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	102811	55.570	ug/l	99
67) Ethyl Benzene	11.965	91	511064	53.801	ug/l	97
68) m/p-Xylenes	12.070	106	388846	110.663	ug/l	100
69) o-Xylene	12.394	106	186023	55.956	ug/l	100
70) Styrene	12.412	104	326970	58.066	ug/l	97
71) Bromoform	12.576	173	81509	59.841	ug/l #	100
73) Isopropylbenzene	12.694	105	477965	50.405	ug/l	99
74) N-amyl acetate	12.494	43	199668	46.499	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	148921	52.229	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	120305m	47.422	ug/l	
77) Bromobenzene	12.976	156	116619	50.986	ug/l	95
78) n-propylbenzene	13.035	91	557749	50.767	ug/l	98
79) 2-Chlorotoluene	13.123	91	350968	50.063	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	408303	52.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51613	48.776	ug/l	94
82) 4-Chlorotoluene	13.217	91	356802	50.558	ug/l	100
83) tert-Butylbenzene	13.435	119	332305	48.336	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	410580	52.692	ug/l	98
85) sec-Butylbenzene	13.612	105	474663	51.740	ug/l	100
86) p-Isopropyltoluene	13.729	119	403793	53.228	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	215381	50.194	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	212329	49.000	ug/l	98
89) n-Butylbenzene	14.053	91	331045	48.126	ug/l	99
90) Hexachloroethane	14.329	117	73881	47.979	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	208642	49.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29102	49.460	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	99380	47.954	ug/l	99
94) Hexachlorobutadiene	15.500	225	45075	43.614	ug/l	99
95) Naphthalene	15.641	128	328108	47.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98790	47.622	ug/l	97

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

