

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084540.D
 Acq On : 28 Oct 2024 15:29
 Operator : JC\MD
 Sample : P4550-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 28 18:34:53 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	159466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118596	50.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.165	113	97391	54.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	10.565	98	341956	52.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.847	95	132319	55.320	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84394	44.742	ug/l	95
3) Chloromethane	2.359	50	95743	44.454	ug/l	93
4) Vinyl Chloride	2.512	62	96570	46.289	ug/l	97
5) Bromomethane	2.947	94	59406	43.170	ug/l	91
6) Chloroethane	3.112	64	61228	40.980	ug/l	96
7) Trichlorofluoromethane	3.494	101	166147	51.144	ug/l	98
8) Diethyl Ether	3.959	74	59989	49.789	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	95415	51.259	ug/l	99
10) Methyl Iodide	4.589	142	117950	49.204	ug/l	96
11) Tert butyl alcohol	5.524	59	86543	221.981	ug/l	100
12) 1,1-Dichloroethene	4.341	96	89204	49.683	ug/l	94
13) Acrolein	4.177	56	110877	247.729	ug/l	99
14) Allyl chloride	5.018	41	138532	44.426	ug/l	98
15) Acrylonitrile	5.718	53	262473	266.599	ug/l	99
16) Acetone	4.430	43	206942	203.746	ug/l	96
17) Carbon Disulfide	4.712	76	239062	42.054	ug/l	98
18) Methyl Acetate	5.024	43	129456	58.478	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	310812	51.289	ug/l	99
20) Methylene Chloride	5.277	84	104884	50.799	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	95606	50.825	ug/l	100
22) Diisopropyl ether	6.671	45	334645	51.884	ug/l	99
23) Vinyl Acetate	6.600	43	1165582	243.647	ug/l	99
24) 1,1-Dichloroethane	6.565	63	188749	52.329	ug/l	99
25) 2-Butanone	7.482	43	335882	242.797	ug/l	100
26) 2,2-Dichloropropane	7.488	77	155824	47.913	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	117036	51.488	ug/l	96
28) Bromochloromethane	7.812	49	77273	48.015	ug/l	96
29) Tetrahydrofuran	7.841	42	229105	268.364	ug/l	97
30) Chloroform	7.965	83	197637	52.750	ug/l	99
31) Cyclohexane	8.253	56	155023	44.265	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	175686	52.211	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133369	51.452	ug/l	99
37) Ethyl Acetate	7.559	43	136738	51.419	ug/l	98
38) Carbon Tetrachloride	8.359	117	152321	53.570	ug/l	98
39) Methylcyclohexane	9.600	83	141869	49.176	ug/l	98
40) Benzene	8.606	78	428549	53.064	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76591	53.052	ug/l	97
42) 1,2-Dichloroethane	8.671	62	141711	51.759	ug/l	99
43) Isopropyl Acetate	8.688	43	226393	43.464	ug/l	97
44) Trichloroethene	9.347	130	98607	52.277	ug/l	97
45) 1,2-Dichloropropane	9.618	63	103844	54.355	ug/l	97
46) Dibromomethane	9.712	93	73528	57.031	ug/l	98
47) Bromodichloromethane	9.888	83	156464	54.624	ug/l	99
48) Methyl methacrylate	9.676	41	110713	53.396	ug/l	99
49) 1,4-Dioxane	9.694	88	40916	1071.873	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	719221	284.107	ug/l	100
52) Toluene	10.629	92	264357	53.679	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	156908	53.739	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	157808	50.248	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	101219	57.332	ug/l	95
56) Ethyl methacrylate	10.870	69	161808	55.699	ug/l	98
57) 1,3-Dichloropropane	11.159	76	169857	53.842	ug/l	99
59) 2-Hexanone	11.194	43	527568	278.829	ug/l	98
60) Dibromochloromethane	11.359	129	118782	56.943	ug/l	99
61) 1,2-Dibromoethane	11.470	107	101282	55.209	ug/l	99
64) Tetrachloroethene	11.100	164	85094	49.051	ug/l	99
65) Chlorobenzene	11.888	112	280407	50.776	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	101295	53.253	ug/l	99
67) Ethyl Benzene	11.965	91	502523	51.455	ug/l	99
68) m/p-Xylenes	12.070	106	387245	107.192	ug/l	99
69) o-Xylene	12.400	106	185754	54.346	ug/l	98
70) Styrene	12.412	104	320263	55.319	ug/l	99
71) Bromoform	12.576	173	80470	57.461	ug/l #	98
73) Isopropylbenzene	12.694	105	472876	47.803	ug/l	99
74) N-amyl acetate	12.494	43	201025	44.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	149767	50.350	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	123007m	46.479	ug/l	
77) Bromobenzene	12.976	156	115100	48.237	ug/l	96
78) n-propylbenzene	13.035	91	567662	49.529	ug/l	99
79) 2-Chlorotoluene	13.123	91	349631	47.807	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	405680	50.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50423	45.678	ug/l	90
82) 4-Chlorotoluene	13.217	91	355598	48.301	ug/l	99
83) tert-Butylbenzene	13.435	119	347621	48.470	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	414620	51.006	ug/l	99
85) sec-Butylbenzene	13.617	105	473419	49.467	ug/l	100
86) p-Isopropyltoluene	13.729	119	400441	50.600	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	217557	48.602	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	213556	47.242	ug/l	99
89) n-Butylbenzene	14.053	91	335833	46.800	ug/l	100
90) Hexachloroethane	14.329	117	73059	45.481	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	208440	47.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27746	45.203	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	97943	45.303	ug/l	98
94) Hexachlorobutadiene	15.500	225	44874	41.621	ug/l	98
95) Naphthalene	15.641	128	322365	44.978	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	100172	46.288	ug/l	99

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

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