

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039821.D
 Acq On : 18 Jan 2024 16:08
 Operator : JC/MD
 Sample : P1171-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-340-342MS

Quant Time: Jan 19 00:42:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66261	48.437	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.880%		
35) Dibromofluoromethane	5.379	113	49888	51.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.520%		
50) Toluene-d8	8.647	98	184788	50.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.680%		
62) 4-Bromofluorobenzene	11.079	95	74876	52.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47176	44.649	ug/l	98
3) Chloromethane	1.294	50	52046	43.132	ug/l	99
4) Vinyl Chloride	1.374	62	52913	46.464	ug/l	99
5) Bromomethane	1.599	94	34655	53.334	ug/l	98
6) Chloroethane	1.685	64	33494	51.738	ug/l	99
7) Trichlorofluoromethane	1.886	101	84484	51.428	ug/l	99
8) Diethyl Ether	2.130	74	30252	49.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	50092	49.185	ug/l	99
10) Methyl Iodide	2.453	142	55501	51.657	ug/l	94
11) Tert butyl alcohol	2.959	59	76414	214.585	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	49814	50.681	ug/l	93
13) Acrolein	2.233	56	49004	222.026	ug/l	100
14) Allyl chloride	2.660	41	93011	48.080	ug/l	99
15) Acrylonitrile	3.056	53	182758	248.455	ug/l	99
16) Acetone	2.373	43	150735	195.925	ug/l	92
17) Carbon Disulfide	2.514	76	135075	47.814	ug/l	100
18) Methyl Acetate	2.697	43	80935	50.284	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	172880	49.544	ug/l	99
20) Methylene Chloride	2.788	84	57439	49.358	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	52507	50.764	ug/l	97
22) Diisopropyl ether	3.757	45	185068	50.130	ug/l	97
23) Vinyl Acetate	3.715	43	874422	254.811	ug/l	99
24) 1,1-Dichloroethane	3.605	63	101173	49.815	ug/l	100
25) 2-Butanone	4.550	43	260901	235.980	ug/l	99
26) 2,2-Dichloropropane	4.471	77	79018	48.477	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62240	52.464	ug/l	97
28) Bromochloromethane	4.891	49	41264	44.822	ug/l	96
29) Tetrahydrofuran	4.995	42	175477	246.589	ug/l	99
30) Chloroform	5.086	83	105451	52.596	ug/l	100
31) Cyclohexane	5.464	56	88094	48.794	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	88671	51.659	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78591	51.874	ug/l	99
37) Ethyl Acetate	4.708	43	98959	48.962	ug/l	99
38) Carbon Tetrachloride	5.678	117	74012	53.338	ug/l	95
39) Methylcyclohexane	7.379	83	92984	51.111	ug/l	97
40) Benzene	6.037	78	222956	51.971	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49451	50.033	ug/l	91
42) 1,2-Dichloroethane	6.086	62	86883	53.270	ug/l	100
43) Isopropyl Acetate	6.336	43	151292	51.027	ug/l	99
44) Trichloroethene	7.123	130	55179	52.482	ug/l	90
45) 1,2-Dichloropropane	7.427	63	59872	52.025	ug/l	100
46) Dibromomethane	7.580	93	42496	53.463	ug/l	98
47) Bromodichloromethane	7.818	83	80638	54.776	ug/l	98
48) Methyl methacrylate	7.690	41	75801	52.012	ug/l	94
49) 1,4-Dioxane	7.659	88	28463	1009.342	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	523842	256.535	ug/l	98
52) Toluene	8.714	92	138876	54.198	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	85500	54.733	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90861	52.897	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57896	53.069	ug/l	91
56) Ethyl methacrylate	9.116	69	95083	53.851	ug/l	97
57) 1,3-Dichloropropane	9.305	76	99020	53.560	ug/l	98
59) 2-Hexanone	9.427	43	420228	260.023	ug/l	98
60) Dibromochloromethane	9.519	129	59431	57.766	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62228	55.081	ug/l	98
64) Tetrachloroethene	9.269	164	45245	51.949	ug/l	96
65) Chlorobenzene	10.079	112	146211	52.415	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52311	55.074	ug/l	98
67) Ethyl Benzene	10.195	91	273118	52.737	ug/l	99
68) m/p-Xylenes	10.299	106	202353	106.244	ug/l	95
69) o-Xylene	10.640	106	98414	52.176	ug/l	94
70) Styrene	10.652	104	163520	53.071	ug/l	98
71) Bromoform	10.799	173	40715	57.086	ug/l #	99
73) Isopropylbenzene	10.957	105	265418	48.296	ug/l	100
74) N-amyl acetate	10.841	43	135861	47.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99499	47.414	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84059m	46.972	ug/l	
77) Bromobenzene	11.195	156	59501	48.627	ug/l	96
78) n-propylbenzene	11.305	91	327415	49.224	ug/l	97
79) 2-Chlorotoluene	11.360	91	189804	46.170	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	227319	48.703	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27057	45.593	ug/l	100
82) 4-Chlorotoluene	11.451	91	223061	47.836	ug/l	100
83) tert-Butylbenzene	11.713	119	219671	49.297	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	232021	49.826	ug/l	100
85) sec-Butylbenzene	11.890	105	286201	49.477	ug/l	99
86) p-Isopropyltoluene	12.006	119	234965	50.824	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116066	49.484	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116875	48.245	ug/l	98
89) n-Butylbenzene	12.329	91	222087	49.737	ug/l	97
90) Hexachloroethane	12.536	117	40166	51.499	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	112407	48.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24952	48.523	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	69237	48.859	ug/l	96
94) Hexachlorobutadiene	13.725	225	28334	48.099	ug/l	98
95) Naphthalene	13.774	128	246615	47.273	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67258	47.027	ug/l	99

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

