

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042041.D
 Acq On : 25 Jun 2024 18:41
 Operator : JC/MD
 Sample : P3056-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 05:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

06/26/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106532	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	84933	50.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.360%	
35) Dibromofluoromethane	5.385	113	80420	52.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.040%	
50) Toluene-d8	8.647	98	273297	50.806	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	11.079	95	104030	52.463	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.920%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	54140	48.419	ug/l	98
3) Chloromethane	1.301	50	64095	45.692	ug/l	96
4) Vinyl Chloride	1.374	62	66701	47.435	ug/l	98
5) Bromomethane	1.599	94	35702	51.418	ug/l	99
6) Chloroethane	1.666	64	34206	59.079	ug/l	100
7) Trichlorofluoromethane	1.868	101	107195	58.186	ug/l	99
8) Diethyl Ether	2.136	74	45264	52.341	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	67317	53.044	ug/l #	86
10) Methyl Iodide	2.441	142	83464	52.914	ug/l #	87
11) Tert butyl alcohol	3.002	59	97495	303.534	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	67664	53.451	ug/l #	81
13) Acrolein	2.240	56	104174	289.332	ug/l	95
14) Allyl chloride	2.660	41	105272	52.435	ug/l	88
15) Acrylonitrile	3.075	53	251643	299.941	ug/l	98
16) Acetone	2.392	43	197577	265.861	ug/l #	86
17) Carbon Disulfide	2.502	76	111833	43.327	ug/l	99
18) Methyl Acetate	2.709	43	124458	61.391	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	246139	58.854	ug/l	99
20) Methylene Chloride	2.788	84	81270	49.943	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	68139	53.035	ug/l	86
22) Diisopropyl ether	3.770	45	243214	57.312	ug/l #	80
23) Vinyl Acetate	3.727	43	973716	268.673	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	133659	56.242	ug/l	96
25) 2-Butanone	4.568	43	345236	298.603	ug/l	92
26) 2,2-Dichloropropane	4.471	77	83581	48.567	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	90515	56.251	ug/l	85
28) Bromochloromethane	4.904	49	53401	52.463	ug/l #	69
29) Tetrahydrofuran	5.013	42	223789	299.706	ug/l	94
30) Chloroform	5.093	83	141058	56.973	ug/l	100
31) Cyclohexane	5.465	56	97500	49.260	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	120038	58.023	ug/l	96
36) 1,1-Dichloropropene	5.690	75	86223	53.028	ug/l	95
37) Ethyl Acetate	4.721	43	117212	55.338	ug/l	98
38) Carbon Tetrachloride	5.672	117	100163	55.753	ug/l	96
39) Methylcyclohexane	7.379	83	102461	49.826	ug/l	91
40) Benzene	6.038	78	299016	54.526	ug/l	98

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41) Methacrylonitrile	4.928	41	69032	60.123	ug/l	92
42) 1,2-Dichloroethane	6.086	62	99434	56.291	ug/l	92
43) Isopropyl Acetate	6.349	43	178597	54.933	ug/l #	93
44) Trichloroethene	7.123	130	80465	54.740	ug/l	87
45) 1,2-Dichloropropane	7.428	63	77026	57.123	ug/l	98
46) Dibromomethane	7.580	93	55290	56.276	ug/l #	75
47) Bromodichloromethane	7.824	83	104819	58.110	ug/l	97
48) Methyl methacrylate	7.696	41	92130	59.377	ug/l	86
49) 1,4-Dioxane	7.665	88	50322m	1221.202	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	670953	299.593	ug/l	94
52) Toluene	8.720	92	193575	55.433	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101231	52.925	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112372	56.902	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	84843	58.321	ug/l	97
56) Ethyl methacrylate	9.116	69	134205	59.300	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	134671	57.299	ug/l	99
59) 2-Hexanone	9.433	43	521696	304.143	ug/l	91
60) Dibromochloromethane	9.519	129	95123	60.197	ug/l	98
61) 1,2-Dibromoethane	9.610	107	86881	57.588	ug/l	99
64) Tetrachloroethene	9.275	164	73550	51.832	ug/l	89
65) Chlorobenzene	10.080	112	226190	55.804	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	85508	60.255	ug/l	98
67) Ethyl Benzene	10.195	91	363630	57.245	ug/l	97
68) m/p-Xylenes	10.299	106	291027	113.496	ug/l	91
69) o-Xylene	10.640	106	147030	57.916	ug/l	91
70) Styrene	10.653	104	242838	57.044	ug/l	94
71) Bromoform	10.799	173	77198	55.983	ug/l #	99
73) Isopropylbenzene	10.964	105	375361	57.948	ug/l	97
74) N-amyl acetate	10.842	43	156620	54.433	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	141092	58.580	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110100m	56.929	ug/l	
77) Bromobenzene	11.195	156	108167	56.069	ug/l	79
78) n-propylbenzene	11.305	91	402401	57.254	ug/l	96
79) 2-Chlorotoluene	11.366	91	254859	56.282	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	308544	57.187	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	38389	56.371	ug/l	87
82) 4-Chlorotoluene	11.451	91	285872	57.108	ug/l	93
83) tert-Butylbenzene	11.713	119	340981	57.597	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	313939	57.998	ug/l	92
85) sec-Butylbenzene	11.890	105	390233	58.278	ug/l	96
86) p-Isopropyltoluene	12.006	119	340448	58.203	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	191243	56.398	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	192215	55.247	ug/l	95
89) n-Butylbenzene	12.329	91	253210	56.235	ug/l	97
90) Hexachloroethane	12.536	117	57866	58.107	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	199629	57.533	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30125	63.115	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	127669	56.167	ug/l	96
94) Hexachlorobutadiene	13.725	225	61342	53.369	ug/l	100
95) Naphthalene	13.774	128	421979	55.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137101	57.190	ug/l	96

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

