

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035030.D
 Acq On : 11 Apr 2023 23:18
 Operator : JC/MD
 Sample : 02247-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Quant Time: Apr 12 05:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/12/2023
 Supervised By :Semsettin Yesilyurt 04/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	278959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200411	46.976	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.385	113	154941	49.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	8.647	98	561286	48.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	222721	49.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	130350	46.850	ug/l	97
3) Chloromethane	1.294	50	148708	42.688	ug/l	99
4) Vinyl Chloride	1.373	62	146143	42.370	ug/l	97
5) Bromomethane	1.617	94	91299	40.734	ug/l	99
6) Chloroethane	1.690	64	88553	39.460	ug/l	100
7) Trichlorofluoromethane	1.886	101	200004	36.069	ug/l	98
8) Diethyl Ether	2.129	74	85111	43.538	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	131799	45.475	ug/l	100
10) Methyl Iodide	2.453	142	147208	40.786	ug/l	94
11) Tert butyl alcohol	3.044	59	161035m	215.134	ug/l	
12) 1,1-Dichloroethene	2.318	96	122896	42.913	ug/l	94
13) Acrolein	2.239	56	221529	287.497	ug/l	100
14) Allyl chloride	2.666	41	243685	43.433	ug/l	98
15) Acrylonitrile	3.068	53	399523	237.119	ug/l	99
16) Acetone	2.404	43	362444	209.130	ug/l	98
17) Carbon Disulfide	2.513	76	275824	38.456	ug/l	99
18) Methyl Acetate	2.709	43	272215	44.206	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	474626	44.763	ug/l	99
20) Methylene Chloride	2.788	84	148060	43.293	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	137317	43.965	ug/l	96
22) Diisopropyl ether	3.757	45	513488	45.358	ug/l	99
23) Vinyl Acetate	3.721	43	1692624	209.645	ug/l	98
24) 1,1-Dichloroethane	3.611	63	273111	44.838	ug/l	99
25) 2-Butanone	4.568	43	568068	225.332	ug/l	100
26) 2,2-Dichloropropane	4.477	77	177366	35.409	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	163824	44.266	ug/l	99
28) Bromochloromethane	4.897	49	141003	47.323	ug/l	99
29) Tetrahydrofuran	5.013	42	371163	235.015	ug/l	99
30) Chloroform	5.092	83	328338	53.072	ug/l	96
31) Cyclohexane	5.470	56	235793	45.390	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	237181	44.926	ug/l	99
36) 1,1-Dichloropropene	5.690	75	202663	43.855	ug/l	99
37) Ethyl Acetate	4.714	43	208425	43.134	ug/l	99
38) Carbon Tetrachloride	5.678	117	197056	45.229	ug/l	99
39) Methylcyclohexane	7.378	83	216953	44.211	ug/l	97
40) Benzene	6.037	78	593078	44.708	ug/l	99

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41) Methacrylonitrile	4.915	41	125872	47.899	ug/l	98
42) 1,2-Dichloroethane	6.086	62	228602	43.345	ug/l	100
43) Isopropyl Acetate	6.336	43	344365	42.598	ug/l	99
44) Trichloroethene	7.122	130	155023	45.780	ug/l	98
45) 1,2-Dichloropropane	7.427	63	156582	45.296	ug/l	99
46) Dibromomethane	7.580	93	103925	43.694	ug/l	98
47) Bromodichloromethane	7.823	83	203474	46.314	ug/l	97
48) Methyl methacrylate	7.689	41	180415	45.444	ug/l	98
49) 1,4-Dioxane	7.744	88	77760	950.423	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	1123322	234.786	ug/l	100
52) Toluene	8.720	92	375429	43.405	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	209134	44.249	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	229895	44.448	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	150409	45.946	ug/l	97
56) Ethyl methacrylate	9.116	69	239315	46.658	ug/l	98
57) 1,3-Dichloropropane	9.311	76	262777	45.326	ug/l	100
59) 2-Hexanone	9.433	43	841123	232.434	ug/l	99
60) Dibromochloromethane	9.518	129	152103	48.775	ug/l	97
61) 1,2-Dibromoethane	9.610	107	156179	45.880	ug/l	99
64) Tetrachloroethene	9.274	164	128616	42.687	ug/l	98
65) Chlorobenzene	10.079	112	399658	45.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	144348	47.922	ug/l	99
67) Ethyl Benzene	10.195	91	719216	45.322	ug/l	99
68) m/p-Xylenes	10.299	106	547746	90.360	ug/l	99
69) o-Xylene	10.640	106	271727	45.758	ug/l	100
70) Styrene	10.652	104	454846	47.981	ug/l	99
71) Bromoform	10.799	173	98754	48.204	ug/l #	99
73) Isopropylbenzene	10.963	105	697174	45.948	ug/l	99
74) N-amyl acetate	10.841	43	294981	43.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	229606	46.170	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	186590m	44.705	ug/l	
77) Bromobenzene	11.201	156	165817	44.104	ug/l	99
78) n-propylbenzene	11.305	91	794401	45.321	ug/l	100
79) 2-Chlorotoluene	11.366	91	495384	44.762	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	582366	45.904	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	54835	39.374	ug/l	90
82) 4-Chlorotoluene	11.451	91	572360	44.536	ug/l	99
83) tert-Butylbenzene	11.713	119	573977	48.180	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	590990	45.808	ug/l	99
85) sec-Butylbenzene	11.890	105	673024	46.437	ug/l	100
86) p-Isopropyltoluene	12.012	119	569315	47.109	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	313017	45.717	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	318054	44.476	ug/l	100
89) n-Butylbenzene	12.335	91	471114	44.619	ug/l	100
90) Hexachloroethane	12.536	117	88748	47.398	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	314459	45.857	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49070	47.272	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	182193	46.976	ug/l	98
94) Hexachlorobutadiene	13.725	225	74382	43.604	ug/l	98
95) Naphthalene	13.774	128	638829	46.356	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181443	46.391	ug/l	99

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

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