

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035031.D
 Acq On : 11 Apr 2023 23:41
 Operator : JC/MD
 Sample : 02247-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

Quant Time: Apr 12 05:59:16 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	5.550	168	278993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197046	46.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.360%		
35) Dibromofluoromethane	5.385	113	152894	49.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	560553	48.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	221937	49.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	138485	49.767	ug/l	98
3) Chloromethane	1.295	50	159536	45.791	ug/l	98
4) Vinyl Chloride	1.374	62	157170	45.561	ug/l	97
5) Bromomethane	1.618	94	99790	44.517	ug/l	98
6) Chloroethane	1.691	64	96377	42.941	ug/l	99
7) Trichlorofluoromethane	1.886	101	215471	38.853	ug/l	97
8) Diethyl Ether	2.130	74	92429	47.275	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	142842	49.279	ug/l	100
10) Methyl Iodide	2.453	142	167411	46.378	ug/l	95
11) Tert butyl alcohol	3.038	59	170294	227.476	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	134676	47.021	ug/l	93
13) Acrolein	2.240	56	224813	291.723	ug/l	99
14) Allyl chloride	2.666	41	266996	47.582	ug/l	98
15) Acrylonitrile	3.069	53	432762	256.816	ug/l	100
16) Acetone	2.398	43	385322	222.303	ug/l	98
17) Carbon Disulfide	2.514	76	311209	43.385	ug/l	100
18) Methyl Acetate	2.709	43	295714	48.017	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	519465	48.986	ug/l	98
20) Methylene Chloride	2.788	84	160637	46.965	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	149499	47.859	ug/l	97
22) Diisopropyl ether	3.758	45	551510	48.711	ug/l	98
23) Vinyl Acetate	3.721	43	1856215	229.879	ug/l	99
24) 1,1-Dichloroethane	3.611	63	300769	49.373	ug/l	99
25) 2-Butanone	4.568	43	607445	240.922	ug/l	99
26) 2,2-Dichloropropane	4.477	77	197815	39.487	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	177435	47.938	ug/l	100
28) Bromochloromethane	4.898	49	145797	48.926	ug/l	98
29) Tetrahydrofuran	5.013	42	397233	251.492	ug/l	99
30) Chloroform	5.093	83	350373	56.627	ug/l	96
31) Cyclohexane	5.471	56	252073	48.518	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	259158	49.082	ug/l	99
36) 1,1-Dichloropropene	5.690	75	218714	47.472	ug/l	99
37) Ethyl Acetate	4.715	43	224373	46.575	ug/l	98
38) Carbon Tetrachloride	5.678	117	218521	50.307	ug/l	97
39) Methylcyclohexane	7.379	83	236096	48.258	ug/l	95
40) Benzene	6.038	78	641862	48.532	ug/l	100

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41) Methacrylonitrile	4.922	41	137897	52.634	ug/l	97
42) 1,2-Dichloroethane	6.086	62	248695	47.298	ug/l	100
43) Isopropyl Acetate	6.336	43	381471	47.331	ug/l	99
44) Trichloroethene	7.123	130	168979	50.052	ug/l	99
45) 1,2-Dichloropropane	7.428	63	171741	49.832	ug/l	99
46) Dibromomethane	7.580	93	113880	48.025	ug/l	96
47) Bromodichloromethane	7.824	83	223979	51.135	ug/l	96
48) Methyl methacrylate	7.690	41	199296	50.351	ug/l	98
49) 1,4-Dioxane	7.739	88	81340	997.189	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	1217127	255.163	ug/l	100
52) Toluene	8.720	92	409701	47.511	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	235088	49.891	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	256810	49.802	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	165592	50.737	ug/l	97
56) Ethyl methacrylate	9.116	69	266418	52.100	ug/l	97
57) 1,3-Dichloropropane	9.305	76	288040	49.834	ug/l	99
59) 2-Hexanone	9.433	43	904383	250.672	ug/l	99
60) Dibromochloromethane	9.519	129	167374	53.835	ug/l	98
61) 1,2-Dibromoethane	9.610	107	172860	50.934	ug/l	100
64) Tetrachloroethene	9.275	164	140656	46.469	ug/l	98
65) Chlorobenzene	10.080	112	438215	49.796	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	159699	52.775	ug/l	98
67) Ethyl Benzene	10.195	91	786797	49.354	ug/l	99
68) m/p-Xylenes	10.299	106	604492	99.265	ug/l	100
69) o-Xylene	10.640	106	297763	49.913	ug/l	99
70) Styrene	10.653	104	497450	52.235	ug/l	98
71) Bromoform	10.799	173	111813	54.328	ug/l	99
73) Isopropylbenzene	10.964	105	761143	49.650	ug/l	100
74) N-amyl acetate	10.842	43	321838	46.693	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	250255	49.808	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	204687m	48.539	ug/l	
77) Bromobenzene	11.195	156	186483	49.093	ug/l	97
78) n-propylbenzene	11.305	91	875993	49.465	ug/l	100
79) 2-Chlorotoluene	11.366	91	540828	48.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	641570	50.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	62709	44.567	ug/l	91
82) 4-Chlorotoluene	11.451	91	628917	48.436	ug/l	99
83) tert-Butylbenzene	11.713	119	615271	51.118	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	642297	49.276	ug/l	99
85) sec-Butylbenzene	11.890	105	741594	50.645	ug/l	100
86) p-Isopropyltoluene	12.012	119	634737	51.985	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	346284	50.058	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	348401	48.221	ug/l	99
89) n-Butylbenzene	12.335	91	525716	49.281	ug/l	99
90) Hexachloroethane	12.536	117	99753	52.730	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	345250	49.832	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52340	49.906	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	200169	51.083	ug/l	99
94) Hexachlorobutadiene	13.725	225	80822	46.895	ug/l	98
95) Naphthalene	13.774	128	706495	50.741	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	199372	50.453	ug/l	99

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

