

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034526.D
 Acq On : 15 Mar 2023 22:15
 Operator : JC/MD
 Sample : 01880-03MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230309MS

Quant Time: Mar 16 05:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	210361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	406849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185432	60.592	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.180%#			
35) Dibromofluoromethane	5.385	113	139254	51.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.680%			
50) Toluene-d8	8.647	98	498051	49.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	206360	50.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70870	36.138	ug/l	100
3) Chloromethane	1.307	50	140478	47.215	ug/l	98
4) Vinyl Chloride	1.374	62	120503	45.127	ug/l	100
5) Bromomethane	1.599	94	72523	53.828	ug/l	97
6) Chloroethane	1.672	64	76413	49.700	ug/l	97
7) Trichlorofluoromethane	1.880	101	178507	44.489	ug/l	99
8) Diethyl Ether	2.130	74	90747	61.956	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	93713	40.077	ug/l	99
10) Methyl Iodide	2.447	142	169099	55.081	ug/l	97
11) Tert butyl alcohol	2.959	59	195484	306.742	ug/l	99
12) 1,1-Dichloroethene	2.313	96	108773	47.233	ug/l	94
13) Acrolein	2.233	56	195079	386.940	ug/l	100
14) Allyl chloride	2.660	41	229722	49.204	ug/l	98
15) Acrylonitrile	3.062	53	429467	311.962	ug/l	100
16) Acetone	2.380	43	376830	261.403	ug/l	100
17) Carbon Disulfide	2.508	76	242625	37.438	ug/l	99
18) Methyl Acetate	2.703	43	282134	59.897	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	473605	57.438	ug/l	99
20) Methylene Chloride	2.788	84	146116	52.225	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	120845	49.412	ug/l	95
22) Diisopropyl ether	3.757	45	505439	56.781	ug/l	96
23) Vinyl Acetate	3.721	43	1994127	294.351	ug/l	100
24) 1,1-Dichloroethane	3.605	63	254039	53.090	ug/l	100
25) 2-Butanone	4.550	43	621036	301.082	ug/l	100
26) 2,2-Dichloropropane	4.471	77	169078	40.650	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	158752	53.922	ug/l	97
28) Bromochloromethane	4.897	49	134245	60.338	ug/l	100
29) Tetrahydrofuran	5.001	42	403042	316.659	ug/l	100
30) Chloroform	5.092	83	263171	56.107	ug/l	97
31) Cyclohexane	5.464	56	164181	38.253	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	199832	48.125	ug/l	99
36) 1,1-Dichloropropene	5.690	75	161490	39.141	ug/l	100
37) Ethyl Acetate	4.708	43	239348	53.102	ug/l	99
38) Carbon Tetrachloride	5.672	117	158230	38.551	ug/l	99
39) Methylcyclohexane	7.379	83	144968	29.361	ug/l	95
40) Benzene	6.037	78	554528	45.944	ug/l	100

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41) Methacrylonitrile	4.916	41	127937	51.792	ug/l	98
42) 1,2-Dichloroethane	6.086	62	228987	51.622	ug/l	99
43) Isopropyl Acetate	6.336	43	396219	51.890	ug/l	100
44) Trichloroethene	7.123	130	468422	149.369	ug/l	98
45) 1,2-Dichloropropane	7.427	63	153151	48.597	ug/l	100
46) Dibromomethane	7.580	93	106344	49.635	ug/l	99
47) Bromodichloromethane	7.818	83	201814	48.670	ug/l	100
48) Methyl methacrylate	7.690	41	193430	52.671	ug/l	99
49) 1,4-Dioxane	7.659	88	95730	1241.078	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1246984	281.512	ug/l	98
52) Toluene	8.714	92	348713	46.667	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	222349	47.597	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	234757	46.449	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	154842	52.214	ug/l	99
56) Ethyl methacrylate	9.116	69	253441	52.051	ug/l	98
57) 1,3-Dichloropropane	9.305	76	268169	50.880	ug/l	99
59) 2-Hexanone	9.427	43	954003	278.611	ug/l	99
60) Dibromochloromethane	9.519	129	157242	50.556	ug/l	98
61) 1,2-Dibromoethane	9.610	107	164869	51.519	ug/l	99
64) Tetrachloroethene	9.275	164	97342	37.498	ug/l	97
65) Chlorobenzene	10.079	112	382290	45.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	143230	46.380	ug/l	99
67) Ethyl Benzene	10.195	91	657273	43.300	ug/l	97
68) m/p-Xylenes	10.299	106	501770	86.051	ug/l	99
69) o-Xylene	10.640	106	260331	44.488	ug/l	99
70) Styrene	10.652	104	438721	46.469	ug/l	99
71) Bromoform	10.799	173	109619	46.114	ug/l	99
73) Isopropylbenzene	10.963	105	620499	41.871	ug/l	99
74) N-amyl acetate	10.841	43	365675	51.518	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	259003	52.375	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	208756m	47.416	ug/l	
77) Bromobenzene	11.195	156	166130	46.725	ug/l	99
78) n-propylbenzene	11.305	91	709825	41.474	ug/l	99
79) 2-Chlorotoluene	11.366	91	468234	44.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	531519	42.761	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	70993	43.623	ug/l	93
82) 4-Chlorotoluene	11.451	91	544059	44.686	ug/l	99
83) tert-Butylbenzene	11.713	119	522625	41.701	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	551967	43.450	ug/l	99
85) sec-Butylbenzene	11.890	105	578263	37.742	ug/l	99
86) p-Isopropyltoluene	12.006	119	497884	38.665	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	299060	42.928	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	306280	43.480	ug/l	100
89) n-Butylbenzene	12.335	91	407927	35.635	ug/l	98
90) Hexachloroethane	12.536	117	88291	37.055	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	309868	46.026	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58833	52.364	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	167387	39.758	ug/l	98
94) Hexachlorobutadiene	13.725	225	49803	29.363	ug/l	99
95) Naphthalene	13.774	128	657805	46.594	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	171517	41.677	ug/l	98

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

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