

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036188.D
 Acq On : 16 Jun 2023 18:01
 Operator : JC/MD
 Sample : VX0616WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBSD01

Quant Time: Jun 19 01:43:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	133625	42.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.080%		
35) Dibromofluoromethane	5.385	113	91514	43.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.700%		
50) Toluene-d8	8.647	98	335209	43.908	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.820%#		
62) 4-Bromofluorobenzene	11.079	95	132694	43.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28920	13.545	ug/l	98
3) Chloromethane	1.294	50	27914	12.357	ug/l	96
4) Vinyl Chloride	1.374	62	27268	12.671	ug/l	98
5) Bromomethane	1.611	94	16488	12.464	ug/l	100
6) Chloroethane	1.691	64	17512	12.577	ug/l	97
7) Trichlorofluoromethane	1.886	101	47086	13.520	ug/l	93
8) Diethyl Ether	2.130	74	16424	12.670	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	25986	13.084	ug/l	96
10) Methyl Iodide	2.453	142	25229	12.320	ug/l	100
11) Tert butyl alcohol	2.983	59	28652	58.960	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	24267	12.921	ug/l	98
13) Acrolein	2.239	56	34417	63.775	ug/l	99
14) Allyl chloride	2.666	41	49083	12.916	ug/l	99
15) Acrylonitrile	3.062	53	77202	62.102	ug/l	99
16) Acetone	2.386	43	87597	66.329	ug/l	99
17) Carbon Disulfide	2.514	76	60134	12.954	ug/l	99
18) Methyl Acetate	2.703	43	61272	12.233	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	91997	12.513	ug/l	99
20) Methylene Chloride	2.788	84	28697	11.993	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	26499	12.699	ug/l	99
22) Diisopropyl ether	3.757	45	94986	12.561	ug/l	94
23) Vinyl Acetate	3.721	43	339812	63.405	ug/l	99
24) 1,1-Dichloroethane	3.611	63	52611	12.592	ug/l	99
25) 2-Butanone	4.556	43	116442	62.980	ug/l	99
26) 2,2-Dichloropropane	4.477	77	42498	13.080	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	30875	12.940	ug/l	100
28) Bromochloromethane	4.891	49	21237	9.751	ug/l	99
29) Tetrahydrofuran	5.007	42	69372	59.078	ug/l	99
30) Chloroform	5.093	83	55169	12.538	ug/l	99
31) Cyclohexane	5.471	56	45308	13.287	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	48116	12.898	ug/l	99
36) 1,1-Dichloropropene	5.690	75	39587	12.877	ug/l	99
37) Ethyl Acetate	4.715	43	43327	12.096	ug/l	99
38) Carbon Tetrachloride	5.678	117	39518	13.223	ug/l	99
39) Methylcyclohexane	7.379	83	44984	13.586	ug/l	98
40) Benzene	6.037	78	108821	12.587	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24257	12.283	ug/l	99
42) 1,2-Dichloroethane	6.080	62	49340	12.668	ug/l	100
43) Isopropyl Acetate	6.336	43	68421	12.482	ug/l	99
44) Trichloroethene	7.123	130	27871	12.901	ug/l	90
45) 1,2-Dichloropropane	7.427	63	29271	12.735	ug/l	99
46) Dibromomethane	7.580	93	20475	12.505	ug/l	99
47) Bromodichloromethane	7.824	83	38878	12.368	ug/l	96
48) Methyl methacrylate	7.690	41	34817	12.380	ug/l	98
49) 1,4-Dioxane	7.690	88	11422	242.570	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	215035	62.126	ug/l	98
52) Toluene	8.720	92	69467	12.834	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39656	12.247	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43458	12.516	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	27756	12.421	ug/l	97
56) Ethyl methacrylate	9.116	69	41443	12.277	ug/l	91
57) 1,3-Dichloropropane	9.305	76	49841	12.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	109304	58.749	ug/l	98
59) 2-Hexanone	9.427	43	164332	63.862	ug/l	98
60) Dibromochloromethane	9.519	129	26273	12.046	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29660	12.730	ug/l	98
64) Tetrachloroethene	9.275	164	23015	13.314	ug/l	94
65) Chlorobenzene	10.079	112	73298	12.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	25289	12.729	ug/l	99
67) Ethyl Benzene	10.195	91	132894	12.925	ug/l	98
68) m/p-Xylenes	10.299	106	101142	26.072	ug/l	94
69) o-Xylene	10.640	106	48868	12.768	ug/l	94
70) Styrene	10.653	104	80928	12.690	ug/l	98
71) Bromoform	10.799	173	16066	11.746	ug/l #	99
73) Isopropylbenzene	10.963	105	131919	13.244	ug/l	99
74) N-amyl acetate	10.842	43	58087	12.905	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	44112	12.933	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37303m	11.709	ug/l	
77) Bromobenzene	11.195	156	29232	12.526	ug/l	91
78) n-propylbenzene	11.305	91	157907	13.476	ug/l	98
79) 2-Chlorotoluene	11.360	91	96361	13.074	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	114572	13.508	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9527	10.467	ug/l #	77
82) 4-Chlorotoluene	11.451	91	114725	13.360	ug/l	99
83) tert-Butylbenzene	11.713	119	106532	13.212	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	112124	13.253	ug/l	99
85) sec-Butylbenzene	11.890	105	136403	13.586	ug/l	99
86) p-Isopropyltoluene	12.006	119	113860	13.479	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	57969	13.025	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	57906	12.702	ug/l	95
89) n-Butylbenzene	12.329	91	103857	13.777	ug/l	98
90) Hexachloroethane	12.536	117	16676	12.585	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	56416	12.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9605	12.768	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	34232	13.825	ug/l	98
94) Hexachlorobutadiene	13.725	225	14609	14.925	ug/l	96
95) Naphthalene	13.774	128	114813	13.443	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33223	13.380	ug/l	98

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

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