

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033287.D
 Acq On : 07 Dec 2022 17:36
 Operator : JC/MD
 Sample : VX1207WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Quant Time: Dec 08 01:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48365	48.210	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.420%		
35) Dibromofluoromethane	5.391	113	53131	47.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.540%		
50) Toluene-d8	8.647	98	116344	50.008	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.020%		
62) 4-Bromofluorobenzene	11.079	95	89271	50.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21847	20.000	ug/l	99
3) Chloromethane	1.294	50	23747	18.802	ug/l	96
4) Vinyl Chloride	1.374	62	27480	19.055	ug/l	100
5) Bromomethane	1.618	94	19508	18.433	ug/l	93
6) Chloroethane	1.691	64	19933	18.222	ug/l	94
7) Trichlorofluoromethane	1.892	101	53011	19.579	ug/l	100
8) Diethyl Ether	2.136	74	17753	18.154	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	28608	19.919	ug/l	98
10) Methyl Iodide	2.453	142	26692	16.969	ug/l	100
11) Tert butyl alcohol	2.995	59	27521	89.728	ug/l	97
12) 1,1-Dichloroethene	2.319	96	27047	19.078	ug/l	99
13) Acrolein	2.239	56	29474	88.604	ug/l	98
14) Allyl chloride	2.666	41	42167	18.625	ug/l	97
15) Acrylonitrile	3.069	53	70309	92.539	ug/l	99
16) Acetone	2.392	43	63438	85.455	ug/l	98
17) Carbon Disulfide	2.514	76	66834	18.368	ug/l	99
18) Methyl Acetate	2.709	43	41864	19.481	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	92207	18.777	ug/l	98
20) Methylene Chloride	2.788	84	29948	18.089	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	29624	19.102	ug/l	99
22) Diisopropyl ether	3.757	45	91707	18.906	ug/l #	83
23) Vinyl Acetate	3.721	43	357548	94.969	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53300	18.701	ug/l	99
25) 2-Butanone	4.568	43	100187	94.020	ug/l	98
26) 2,2-Dichloropropane	4.477	77	39225	18.715	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	34806	18.780	ug/l	99
28) Bromochloromethane	4.897	49	24795	20.783	ug/l	97
29) Tetrahydrofuran	5.013	42	64984	94.125	ug/l	99
30) Chloroform	5.099	83	60214	19.031	ug/l	98
31) Cyclohexane	5.477	56	47714	20.013	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	53407	19.618	ug/l	99
36) 1,1-Dichloropropene	5.696	75	42778	19.729	ug/l	100
37) Ethyl Acetate	4.715	43	39377	19.212	ug/l	100
38) Carbon Tetrachloride	5.678	117	46546	19.160	ug/l	96
39) Methylcyclohexane	7.385	83	49020	20.198	ug/l	97
40) Benzene	6.044	78	120589	19.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22681	20.082	ug/l	98
42) 1,2-Dichloroethane	6.092	62	49013	19.524	ug/l	99
43) Isopropyl Acetate	6.342	43	62540	18.964	ug/l	99
44) Trichloroethene	7.129	130	33738	19.356	ug/l	99
45) 1,2-Dichloropropane	7.434	63	30265	18.719	ug/l	97
46) Dibromomethane	7.586	93	23254	18.880	ug/l	98
47) Bromodichloromethane	7.824	83	45522	18.961	ug/l	97
48) Methyl methacrylate	7.696	41	32217	18.928	ug/l	94
49) 1,4-Dioxane	7.696	88	15386	396.424	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	206551	99.040	ug/l	98
52) Toluene	8.720	92	79680	19.494	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	43218	18.422	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48189	18.862	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	32305	18.802	ug/l	97
56) Ethyl methacrylate	9.116	69	47022	19.437	ug/l	93
57) 1,3-Dichloropropane	9.311	76	53138	19.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	109017	98.486	ug/l	100
59) 2-Hexanone	9.433	43	153173	99.664	ug/l	97
60) Dibromochloromethane	9.519	129	35372	18.685	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34686	18.979	ug/l	99
64) Tetrachloroethene	9.275	164	29930	19.518	ug/l	98
65) Chlorobenzene	10.079	112	87794	19.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32978	19.216	ug/l	99
67) Ethyl Benzene	10.195	91	156395	19.768	ug/l	99
68) m/p-Xylenes	10.305	106	122316	39.738	ug/l	97
69) o-Xylene	10.640	106	59392	19.521	ug/l	98
70) Styrene	10.659	104	98257	19.719	ug/l	98
71) Bromoform	10.799	173	25088	18.469	ug/l #	100
73) Isopropylbenzene	10.963	105	157452	19.908	ug/l	100
74) N-amyl acetate	10.842	43	53798	19.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48665	19.395	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43837m	19.746	ug/l	
77) Bromobenzene	11.201	156	37886	18.970	ug/l	99
78) n-propylbenzene	11.305	91	178803	20.247	ug/l	99
79) 2-Chlorotoluene	11.366	91	107527	19.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	131909	20.036	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11777	16.502	ug/l	95
82) 4-Chlorotoluene	11.457	91	122645	19.326	ug/l	98
83) tert-Butylbenzene	11.713	119	132362	20.162	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	131711	20.042	ug/l	99
85) sec-Butylbenzene	11.890	105	156874	20.480	ug/l	99
86) p-Isopropyltoluene	12.012	119	132073	20.000	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69570	19.230	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	69826	18.895	ug/l	99
89) n-Butylbenzene	12.335	91	108605	20.079	ug/l	99
90) Hexachloroethane	12.536	117	21020	18.726	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	69809	19.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10391	19.173	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	41277	18.896	ug/l	99
94) Hexachlorobutadiene	13.725	225	17041	19.481	ug/l	98
95) Naphthalene	13.774	128	144110	19.777	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42329	19.133	ug/l	99

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

