

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031108.D
 Acq On : 04 Sep 2022 02:01
 Operator : JC/MD
 Sample : VX0903WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS02

Quant Time: Sep 06 01:12:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110208	48.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	5.391	113	105202	50.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.860%		
50) Toluene-d8	8.653	98	366849	48.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.085	95	134526	50.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32970	18.190	ug/l	100
3) Chloromethane	1.288	50	27008	16.854	ug/l	98
4) Vinyl Chloride	1.374	62	32395	17.109	ug/l	96
5) Bromomethane	1.611	94	20222	23.890	ug/l	97
6) Chloroethane	1.685	64	14285	12.267	ug/l	91
7) Trichlorofluoromethane	1.886	101	66915	20.915	ug/l	93
8) Diethyl Ether	2.136	74	21258	19.051	ug/l	67
9) 1,1,2-Trichlorotrifluo...	2.331	101	39522	18.650	ug/l	91
10) Methyl Iodide	2.453	142	55423	28.360	ug/l	96
11) Tert butyl alcohol	2.995	59	56352m	111.098	ug/l	
12) 1,1-Dichloroethene	2.319	96	39134	19.123	ug/l	93
13) Acrolein	2.239	56	35725	86.133	ug/l	100
14) Allyl chloride	2.666	41	45460	16.727	ug/l #	84
15) Acrylonitrile	3.068	53	103646	97.534	ug/l	97
16) Acetone	2.392	43	87126	99.572	ug/l	100
17) Carbon Disulfide	2.514	76	88784	16.706	ug/l	98
18) Methyl Acetate	2.709	43	48771	19.397	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	124251	19.715	ug/l	91
20) Methylene Chloride	2.788	84	44516	19.575	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	42150	18.510	ug/l	88
22) Diisopropyl ether	3.770	45	98737	18.030	ug/l #	80
23) Vinyl Acetate	3.727	43	409391	92.554	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	67630	18.328	ug/l	100
25) 2-Butanone	4.568	43	125894	93.196	ug/l #	85
26) 2,2-Dichloropropane	4.483	77	39836	13.528	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	48795	19.119	ug/l	91
28) Bromochloromethane	4.904	49	19485	17.823	ug/l #	52
29) Tetrahydrofuran	5.013	42	80326	92.235	ug/l #	77
30) Chloroform	5.105	83	81957	20.254	ug/l	87
31) Cyclohexane	5.477	56	54389	17.566	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	72511	20.904	ug/l	96
36) 1,1-Dichloropropene	5.696	75	53432	18.467	ug/l	97
37) Ethyl Acetate	4.721	43	48976	19.482	ug/l	95
38) Carbon Tetrachloride	5.678	117	64582	21.503	ug/l	93
39) Methylcyclohexane	7.379	83	62628	17.465	ug/l	97
40) Benzene	6.044	78	163895	19.729	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26925	20.089	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	59763	21.809	ug/l	99
43) Isopropyl Acetate	6.342	43	77517	19.729	ug/l #	93
44) Trichloroethene	7.129	130	51224	19.482	ug/l	91
45) 1,2-Dichloropropane	7.434	63	38360	18.015	ug/l	99
46) Dibromomethane	7.586	93	31554	19.799	ug/l #	88
47) Bromodichloromethane	7.824	83	60158	20.205	ug/l	99
48) Methyl methacrylate	7.702	41	38009	19.162	ug/l #	86
49) 1,4-Dioxane	7.714	88	24128	399.918	ug/l #	25
51) 4-Methyl-2-Pentanone	8.574	43	246657	97.655	ug/l	89
52) Toluene	8.720	92	107369	19.930	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	57607	19.541	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	62414	18.934	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	47595	20.781	ug/l	95
56) Ethyl methacrylate	9.116	69	64070	20.463	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	71202	19.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	142629	91.225	ug/l	90
59) 2-Hexanone	9.433	43	184758	96.729	ug/l	89
60) Dibromochloromethane	9.525	129	51692	21.737	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51604	21.342	ug/l	99
64) Tetrachloroethene	9.275	164	47552	18.674	ug/l	96
65) Chlorobenzene	10.079	112	123377	20.256	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	48174	21.419	ug/l	97
67) Ethyl Benzene	10.195	91	207287	19.864	ug/l	98
68) m/p-Xylenes	10.305	106	164682	40.238	ug/l	99
69) o-Xylene	10.640	106	81499	20.304	ug/l	98
70) Styrene	10.659	104	133046	20.482	ug/l	99
71) Bromoform	10.799	173	39282	22.462	ug/l #	99
73) Isopropylbenzene	10.963	105	211590	20.902	ug/l	98
74) N-amyl acetate	10.848	43	59604	19.506	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	67353	20.806	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	59986m	20.207	ug/l	
77) Bromobenzene	11.201	156	54939	21.050	ug/l	86
78) n-propylbenzene	11.305	91	234371	20.328	ug/l	97
79) 2-Chlorotoluene	11.366	91	143220	20.173	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	177126	20.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18100	19.162	ug/l	93
82) 4-Chlorotoluene	11.457	91	160126	20.158	ug/l	96
83) tert-Butylbenzene	11.719	119	180018	21.232	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	180198	21.282	ug/l	97
85) sec-Butylbenzene	11.890	105	219164	19.735	ug/l	100
86) p-Isopropyltoluene	12.012	119	181445	20.630	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98029	19.608	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	99923	20.069	ug/l	99
89) n-Butylbenzene	12.335	91	141582	17.853	ug/l	97
90) Hexachloroethane	12.542	117	29724	18.649	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	96977	18.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15700	19.906	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	73087	22.522	ug/l	98
94) Hexachlorobutadiene	13.725	225	27596	19.422	ug/l	94
95) Naphthalene	13.774	128	265305	23.308	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77294	22.706	ug/l	98

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

