

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029941.D
 Acq On : 06 Jul 2022 14:07
 Operator : JC/MD
 Sample : VX0706WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS02

Quant Time: Jul 07 02:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120731	50.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.080%			
35) Dibromofluoromethane	5.391	113	108733	52.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.860%			
50) Toluene-d8	8.653	98	417643	53.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.360%			
62) 4-Bromofluorobenzene	11.085	95	146796	53.381	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40559	22.040	ug/l	98
3) Chloromethane	1.288	50	40719	19.204	ug/l	97
4) Vinyl Chloride	1.374	62	44817	21.252	ug/l	97
5) Bromomethane	1.611	94	20139	17.332	ug/l	100
6) Chloroethane	1.685	64	25996	18.889	ug/l	91
7) Trichlorofluoromethane	1.886	101	58505	21.612	ug/l	92
8) Diethyl Ether	2.136	74	24744	20.392	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	40108	21.192	ug/l	96
10) Methyl Iodide	2.453	142	33015	14.128	ug/l	99
11) Tert butyl alcohol	2.983	59	70072	112.165	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39809	20.484	ug/l	97
13) Acrolein	2.239	56	18382	58.788	ug/l	98
14) Allyl chloride	2.666	41	72801	20.297	ug/l	99
15) Acrylonitrile	3.068	53	153142	105.003	ug/l	99
16) Acetone	2.386	43	118784	101.641	ug/l	99
17) Carbon Disulfide	2.514	76	89671	18.556	ug/l	98
18) Methyl Acetate	2.709	43	74981	20.811	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	135082	20.587	ug/l	96
20) Methylene Chloride	2.794	84	48528	19.662	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	42489	19.933	ug/l	97
22) Diisopropyl ether	3.763	45	149922	20.684	ug/l	99
23) Vinyl Acetate	3.727	43	642045	102.421	ug/l	99
24) 1,1-Dichloroethane	3.617	63	80807	21.140	ug/l	99
25) 2-Butanone	4.568	43	207752	102.422	ug/l	99
26) 2,2-Dichloropropane	4.483	77	52014	20.733	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	53139	21.114	ug/l	97
28) Bromochloromethane	4.903	49	31177	20.350	ug/l	95
29) Tetrahydrofuran	5.013	42	140679	105.388	ug/l	100
30) Chloroform	5.099	83	80553	21.491	ug/l	98
31) Cyclohexane	5.470	56	70435	21.148	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	63513	21.279	ug/l	99
36) 1,1-Dichloropropene	5.696	75	57161	20.725	ug/l	99
37) Ethyl Acetate	4.721	43	75306	19.963	ug/l	98
38) Carbon Tetrachloride	5.678	117	51440	21.524	ug/l	98
39) Methylcyclohexane	7.385	83	71718	21.506	ug/l	97
40) Benzene	6.043	78	187913	21.070	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42056	20.973	ug/l	99
42) 1,2-Dichloroethane	6.098	62	57885	21.148	ug/l	100
43) Isopropyl Acetate	6.348	43	115694	20.367	ug/l	99
44) Trichloroethene	7.129	130	50458	21.008	ug/l	96
45) 1,2-Dichloropropane	7.433	63	48121	20.425	ug/l	99
46) Dibromomethane	7.592	93	32488	21.080	ug/l	98
47) Bromodichloromethane	7.824	83	60119	21.762	ug/l	94
48) Methyl methacrylate	7.696	41	54644	20.289	ug/l	97
49) 1,4-Dioxane	7.677	88	28471	446.433	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	420168	112.175	ug/l	97
52) Toluene	8.720	92	118561	22.031	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	61277	20.815	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	70637	21.234	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	49318	21.034	ug/l	97
56) Ethyl methacrylate	9.122	69	76222	20.619	ug/l	98
57) 1,3-Dichloropropane	9.311	76	79926	21.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	158569	89.895	ug/l	100
59) 2-Hexanone	9.433	43	308710	106.202	ug/l	99
60) Dibromochloromethane	9.525	129	44400	21.433	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50663	21.145	ug/l	99
64) Tetrachloroethene	9.275	164	46807	26.195	ug/l	98
65) Chlorobenzene	10.079	112	124565	20.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42014	21.145	ug/l	96
67) Ethyl Benzene	10.195	91	217822	21.059	ug/l	99
68) m/p-Xylenes	10.305	106	167388	42.194	ug/l	100
69) o-Xylene	10.646	106	84404	21.005	ug/l	99
70) Styrene	10.659	104	140223	21.111	ug/l	99
71) Bromoform	10.799	173	31082	21.930	ug/l #	100
73) Isopropylbenzene	10.963	105	215716	21.393	ug/l	99
74) N-amyl acetate	10.841	43	97662	19.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	80246	20.215	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69373m	20.796	ug/l	
77) Bromobenzene	11.201	156	51990	21.436	ug/l	96
78) n-propylbenzene	11.305	91	244112	20.527	ug/l	99
79) 2-Chlorotoluene	11.366	91	150459	21.280	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	181378	21.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22303	21.232	ug/l	96
82) 4-Chlorotoluene	11.457	91	167787	20.829	ug/l	98
83) tert-Butylbenzene	11.719	119	175723	21.182	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	180055	21.472	ug/l	100
85) sec-Butylbenzene	11.896	105	227564	21.768	ug/l	100
86) p-Isopropyltoluene	12.012	119	187254	22.442	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	95593	20.529	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	98204	20.668	ug/l	99
89) n-Butylbenzene	12.335	91	170375	21.722	ug/l	99
90) Hexachloroethane	12.542	117	29607	21.752	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	97655	21.347	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17234	20.776	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	56155	20.256	ug/l	99
94) Hexachlorobutadiene	13.725	225	21498	20.963	ug/l	98
95) Naphthalene	13.774	128	238770	21.214	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59860	21.092	ug/l	99

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

