

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030270.D
 Acq On : 28 Jul 2022 15:24
 Operator : JC/MD
 Sample : VX0728WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 05:57:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153110	55.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.580%			
35) Dibromofluoromethane	5.391	113	123344	52.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.920%			
50) Toluene-d8	8.653	98	467966	51.883	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.760%			
62) 4-Bromofluorobenzene	11.085	95	179891	53.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42775	18.922	ug/l	96
3) Chloromethane	1.288	50	45083	20.167	ug/l	93
4) Vinyl Chloride	1.374	62	46834	20.757	ug/l	99
5) Bromomethane	1.593	94	16336	16.821	ug/l	92
6) Chloroethane	1.672	64	28157	21.734	ug/l	88
7) Trichlorofluoromethane	1.880	101	65984	22.197	ug/l	99
8) Diethyl Ether	2.136	74	26183	22.493	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	47516	21.581	ug/l	98
10) Methyl Iodide	2.447	142	24181	12.450	ug/l	94
11) Tert butyl alcohol	2.977	59	89791	132.936	ug/l	99
12) 1,1-Dichloroethene	2.313	96	47023	21.849	ug/l	90
13) Acrolein	2.239	56	14889	89.684	ug/l	94
14) Allyl chloride	2.660	41	100660	22.666	ug/l	96
15) Acrylonitrile	3.069	53	192619	115.398	ug/l	99
16) Acetone	2.386	43	163375	115.242	ug/l	94
17) Carbon Disulfide	2.508	76	111248	19.150	ug/l	100
18) Methyl Acetate	2.709	43	99866	23.816	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	170292	23.100	ug/l #	90
20) Methylene Chloride	2.788	84	60250	23.448	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	51506	21.683	ug/l	99
22) Diisopropyl ether	3.770	45	197455	23.499	ug/l	89
23) Vinyl Acetate	3.727	43	839805	115.218	ug/l	96
24) 1,1-Dichloroethane	3.611	63	100012	22.399	ug/l	100
25) 2-Butanone	4.568	43	278068	116.723	ug/l	94
26) 2,2-Dichloropropane	4.477	77	73038	22.622	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	61596	22.051	ug/l	91
28) Bromochloromethane	4.897	49	38373	20.343	ug/l	95
29) Tetrahydrofuran	5.013	42	181598	113.293	ug/l	95
30) Chloroform	5.099	83	99304	22.463	ug/l	96
31) Cyclohexane	5.477	56	90487	22.507	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	81311	22.627	ug/l	99
36) 1,1-Dichloropropene	5.696	75	71640	21.374	ug/l	96
37) Ethyl Acetate	4.721	43	103963	21.903	ug/l	96
38) Carbon Tetrachloride	5.678	117	67435	21.551	ug/l	95
39) Methylcyclohexane	7.385	83	89323	20.646	ug/l	93
40) Benzene	6.044	78	223301	21.175	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	57664	22.664	ug/l	95
42) 1,2-Dichloroethane	6.092	62	79966	21.945	ug/l	95
43) Isopropyl Acetate	6.348	43	157338	22.612	ug/l	96
44) Trichloroethene	7.129	130	57828	20.068	ug/l	94
45) 1,2-Dichloropropane	7.440	63	61406	21.832	ug/l	97
46) Dibromomethane	7.586	93	40031	20.928	ug/l	96
47) Bromodichloromethane	7.824	83	75531	21.722	ug/l	97
48) Methyl methacrylate	7.696	41	77801	22.717	ug/l	92
49) 1,4-Dioxane	7.671	88	33646	425.353	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	541760	114.688	ug/l	97
52) Toluene	8.720	92	140147	21.782	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	79779	21.284	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	88421	21.647	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	59204	21.612	ug/l	95
56) Ethyl methacrylate	9.116	69	95997	22.167	ug/l	92
57) 1,3-Dichloropropane	9.311	76	99354	21.972	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	230073	107.049	ug/l	96
59) 2-Hexanone	9.433	43	434154	116.496	ug/l	95
60) Dibromochloromethane	9.525	129	54382	21.445	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59008	20.629	ug/l	99
64) Tetrachloroethene	9.275	164	55465	21.134	ug/l	94
65) Chlorobenzene	10.079	112	149358	22.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51619	22.930	ug/l	99
67) Ethyl Benzene	10.195	91	270533	26.246	ug/l	97
68) m/p-Xylenes	10.305	106	207190	46.186	ug/l	96
69) o-Xylene	10.646	106	100537	22.739	ug/l	93
70) Styrene	10.659	104	171369	23.591	ug/l	98
71) Bromoform	10.799	173	37072	22.400	ug/l #	98
73) Isopropylbenzene	10.963	105	265172	22.016	ug/l	98
74) N-amyl acetate	10.848	43	133687	22.838	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	97834	22.192	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	89273m	21.951	ug/l	
77) Bromobenzene	11.201	156	60931	21.553	ug/l	92
78) n-propylbenzene	11.305	91	318053	22.125	ug/l	97
79) 2-Chlorotoluene	11.366	91	191691	21.116	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	222819	22.093	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29103	21.468	ug/l	90
82) 4-Chlorotoluene	11.457	91	217484	21.927	ug/l	98
83) tert-Butylbenzene	11.719	119	208117	22.264	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	229663	22.825	ug/l	98
85) sec-Butylbenzene	11.896	105	288214	22.526	ug/l	99
86) p-Isopropyltoluene	12.012	119	236752	23.129	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	118299	21.517	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	121199	21.655	ug/l	97
89) n-Butylbenzene	12.335	91	225468	23.658	ug/l	99
90) Hexachloroethane	12.542	117	39048	22.156	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	120265	22.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24174	22.863	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	69584	22.235	ug/l	98
94) Hexachlorobutadiene	13.725	225	27278	21.708	ug/l	97
95) Naphthalene	13.780	128	285720	23.374	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70683	22.023	ug/l	98

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

