

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030208.D
 Acq On : 26 Jul 2022 14:05
 Operator : JC/MD
 Sample : VX0726WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/27/2022
 Supervised By : Mahesh Dadoda 07/27/2022

Quant Time: Jul 26 17:20:03 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	141753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149806	52.579	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	5.385	113	121438	52.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	8.653	98	463018	51.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	11.079	95	171057	51.502	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42774	18.389	ug/l	96
3) Chloromethane	1.288	50	44301	19.260	ug/l	97
4) Vinyl Chloride	1.374	62	46785	20.152	ug/l	99
5) Bromomethane	1.605	94	18512	19.185	ug/l	99
6) Chloroethane	1.678	64	28090	21.073	ug/l	98
7) Trichlorofluoromethane	1.880	101	65525	21.423	ug/l	98
8) Diethyl Ether	2.136	74	24859	20.755	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	48881	21.576	ug/l	98
10) Methyl Iodide	2.447	142	40374	19.254	ug/l	96
11) Tert butyl alcohol	2.977	59	77228	111.121	ug/l	99
12) 1,1-Dichloroethene	2.319	96	47942	21.650	ug/l	96
13) Acrolein	2.239	56	15017	87.912	ug/l	98
14) Allyl chloride	2.660	41	94208	20.617	ug/l	97
15) Acrylonitrile	3.068	53	181241	105.528	ug/l	99
16) Acetone	2.386	43	151743	104.027	ug/l	96
17) Carbon Disulfide	2.508	76	122844	20.551	ug/l	98
18) Methyl Acetate	2.709	43	94287	21.853	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	163502	21.555	ug/l	96
20) Methylene Chloride	2.788	84	57863	21.708	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	52838	21.618	ug/l	94
22) Diisopropyl ether	3.763	45	188271	21.776	ug/l	92
23) Vinyl Acetate	3.727	43	806509	107.538	ug/l	96
24) 1,1-Dichloroethane	3.611	63	98196	21.374	ug/l	99
25) 2-Butanone	4.562	43	258080	105.286	ug/l	96
26) 2,2-Dichloropropane	4.477	77	62512	18.817	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	60829	21.164	ug/l	96
28) Bromochloromethane	4.897	49	42308	21.798	ug/l	93
29) Tetrahydrofuran	5.013	42	172911	104.840	ug/l	94
30) Chloroform	5.092	83	96812	21.283	ug/l	99
31) Cyclohexane	5.470	56	91967	22.232	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	79896	21.608	ug/l	98
36) 1,1-Dichloropropene	5.690	75	72560	21.818	ug/l	98
37) Ethyl Acetate	4.721	43	96365	20.462	ug/l	98
38) Carbon Tetrachloride	5.678	117	66239	21.335	ug/l	96
39) Methylcyclohexane	7.385	83	89687	20.893	ug/l	95
40) Benzene	6.037	78	223241	21.335	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53744	21.289	ug/l	95
42) 1,2-Dichloroethane	6.092	62	77378	21.401	ug/l	96
43) Isopropyl Acetate	6.342	43	145208	21.033	ug/l	96
44) Trichloroethene	7.123	130	58259	20.377	ug/l	92
45) 1,2-Dichloropropane	7.433	63	60086	21.530	ug/l	100
46) Dibromomethane	7.580	93	39034	20.567	ug/l	96
47) Bromodichloromethane	7.824	83	72908	21.132	ug/l	92
48) Methyl methacrylate	7.696	41	72024	21.195	ug/l	95
49) 1,4-Dioxane	7.671	88	30761	391.931	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	499000	106.465	ug/l	96
52) Toluene	8.720	92	135732	21.262	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	75843	20.393	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	84978	20.968	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	57016	20.976	ug/l	98
56) Ethyl methacrylate	9.116	69	90478	21.057	ug/l	94
57) 1,3-Dichloropropane	9.311	76	93461	20.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	226590	106.255	ug/l	97
59) 2-Hexanone	9.433	43	382435	103.423	ug/l	96
60) Dibromochloromethane	9.525	129	52064	20.692	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57766	20.353	ug/l	99
64) Tetrachloroethene	9.275	164	57114	21.613	ug/l	98
65) Chlorobenzene	10.079	112	142722	21.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47900	21.132	ug/l	97
67) Ethyl Benzene	10.195	91	262964	25.479	ug/l	97
68) m/p-Xylenes	10.305	106	199072	44.072	ug/l	96
69) o-Xylene	10.646	106	95328	21.413	ug/l	91
70) Styrene	10.659	104	163134	22.304	ug/l	97
71) Bromoform	10.805	173	35008	21.008	ug/l #	98
73) Isopropylbenzene	10.963	105	252213	21.669	ug/l	100
74) N-amyl acetate	10.848	43	119209	21.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	88191	20.702	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	81971m	20.858	ug/l	
77) Bromobenzene	11.201	156	56704	20.757	ug/l	95
78) n-propylbenzene	11.305	91	304047	21.887	ug/l	98
79) 2-Chlorotoluene	11.366	91	180827	20.613	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	215284	22.090	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25474	19.445	ug/l	90
82) 4-Chlorotoluene	11.457	91	206006	21.493	ug/l	98
83) tert-Butylbenzene	11.719	119	197035	21.812	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	216115	22.227	ug/l	96
85) sec-Butylbenzene	11.890	105	271942	21.995	ug/l	98
86) p-Isopropyltoluene	12.012	119	217908	22.029	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110175	20.737	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	112521	20.805	ug/l	97
89) n-Butylbenzene	12.335	91	206647	22.439	ug/l	99
90) Hexachloroethane	12.542	117	35159	20.644	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	110925	21.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21688	21.226	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	66792	22.086	ug/l	98
94) Hexachlorobutadiene	13.725	225	26143	21.530	ug/l	98
95) Naphthalene	13.780	128	268282	22.711	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69277	22.337	ug/l	98

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

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