

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
 Data File : VX029904.D
 Acq On : 30 Jun 2022 12:11
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 04:47:18 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	217508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130969	47.568	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	5.391	113	117235	49.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.780%		
50) Toluene-d8	8.653	98	444892	49.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.920%		
62) 4-Bromofluorobenzene	11.085	95	155146	49.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41258	19.451	ug/l	99
3) Chloromethane	1.288	50	46093	18.860	ug/l	100
4) Vinyl Chloride	1.374	62	50090	20.608	ug/l	99
5) Bromomethane	1.611	94	20822	15.548	ug/l	99
6) Chloroethane	1.684	64	28454	17.904	ug/l	99
7) Trichlorofluoromethane	1.886	101	60673	19.445	ug/l	96
8) Diethyl Ether	2.136	74	26960	19.276	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	39820	18.255	ug/l	96
10) Methyl Iodide	2.453	142	34753	13.065	ug/l	99
11) Tert butyl alcohol	2.983	59	69261	96.189	ug/l	100
12) 1,1-Dichloroethene	2.319	96	42308	18.887	ug/l	98
13) Acrolein	2.239	56	35173	101.151	ug/l	95
14) Allyl chloride	2.666	41	77511	18.750	ug/l	99
15) Acrylonitrile	3.068	53	162168	96.471	ug/l	99
16) Acetone	2.386	43	125349	93.059	ug/l	100
17) Carbon Disulfide	2.514	76	100740	18.086	ug/l	100
18) Methyl Acetate	2.709	43	76699	18.470	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	145534	19.244	ug/l	96
20) Methylene Chloride	2.788	84	51477	18.096	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	46406	18.888	ug/l	97
22) Diisopropyl ether	3.763	45	157536	18.857	ug/l	99
23) Vinyl Acetate	3.727	43	695613	96.275	ug/l	99
24) 1,1-Dichloroethane	3.617	63	83993	19.065	ug/l	98
25) 2-Butanone	4.562	43	221307	94.660	ug/l	98
26) 2,2-Dichloropropane	4.483	77	57083	19.741	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	54785	18.886	ug/l	99
28) Bromochloromethane	4.903	49	33660	19.062	ug/l	97
29) Tetrahydrofuran	5.019	42	150263	97.665	ug/l	99
30) Chloroform	5.105	83	83324	19.287	ug/l	100
31) Cyclohexane	5.476	56	72957	19.005	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	65824	19.134	ug/l	98
36) 1,1-Dichloropropene	5.696	75	60314	19.104	ug/l	99
37) Ethyl Acetate	4.721	43	82452	19.095	ug/l	99
38) Carbon Tetrachloride	5.684	117	52013	19.013	ug/l	98
39) Methylcyclohexane	7.385	83	70734	18.530	ug/l	99
40) Benzene	6.043	78	201227	19.712	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45382	19.771	ug/l	99
42) 1,2-Dichloroethane	6.092	62	61608	19.664	ug/l	100
43) Isopropyl Acetate	6.342	43	122668	18.866	ug/l	99
44) Trichloroethene	7.129	130	52683	19.163	ug/l	99
45) 1,2-Dichloropropane	7.433	63	52067	19.307	ug/l	93
46) Dibromomethane	7.586	93	34613	19.620	ug/l	100
47) Bromodichloromethane	7.824	83	60342	19.083	ug/l	99
48) Methyl methacrylate	7.696	41	58147	18.861	ug/l	96
49) 1,4-Dioxane	7.683	88	28255	387.053	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	421397	98.285	ug/l	99
52) Toluene	8.720	92	120684	19.591	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	64955	19.276	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	76989	20.218	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	51082	19.033	ug/l	97
56) Ethyl methacrylate	9.116	69	81889	19.353	ug/l	99
57) 1,3-Dichloropropane	9.311	76	84879	19.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	186866	92.548	ug/l	99
59) 2-Hexanone	9.433	43	326055	97.993	ug/l	100
60) Dibromochloromethane	9.525	129	45449	19.167	ug/l	98
61) 1,2-Dibromoethane	9.610	107	53481	19.500	ug/l	100
64) Tetrachloroethene	9.275	164	41783	20.961	ug/l	95
65) Chlorobenzene	10.079	112	130649	19.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44535	20.092	ug/l	99
67) Ethyl Benzene	10.195	91	227308	19.700	ug/l	100
68) m/p-Xylenes	10.305	106	175211	39.592	ug/l	100
69) o-Xylene	10.646	106	89001	19.856	ug/l	100
70) Styrene	10.658	104	148108	19.989	ug/l	98
71) Bromoform	10.805	173	30280	19.152	ug/l #	99
73) Isopropylbenzene	10.963	105	220462	19.522	ug/l	100
74) N-amyl acetate	10.841	43	104440	18.679	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	83846	18.859	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	73410m	19.649	ug/l	
77) Bromobenzene	11.201	156	52391	19.288	ug/l	98
78) n-propylbenzene	11.305	91	253878	19.061	ug/l	99
79) 2-Chlorotoluene	11.366	91	155542	19.643	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	183710	19.596	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22421	19.059	ug/l	93
82) 4-Chlorotoluene	11.457	91	175377	19.440	ug/l	100
83) tert-Butylbenzene	11.719	119	176693	19.017	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	186708	19.881	ug/l	99
85) sec-Butylbenzene	11.890	105	222806	19.030	ug/l	99
86) p-Isopropyltoluene	12.012	119	176696	18.909	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102452	19.645	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	101950	19.159	ug/l	100
89) n-Butylbenzene	12.335	91	163179	18.577	ug/l	100
90) Hexachloroethane	12.542	117	27988	18.360	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	101274	19.767	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17852	19.216	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	58041	18.694	ug/l	98
94) Hexachlorobutadiene	13.725	225	20488	17.838	ug/l	98
95) Naphthalene	13.774	128	249216	19.771	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61029	19.200	ug/l	100

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

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