

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029506.D
 Acq On : 15 Jun 2022 14:14
 Operator : JC/MD
 Sample : VX0615WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/16/2022
 Supervised By :Semsettin Yesilyurt 06/16/2022

Quant Time: Jun 15 15:37:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	149988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126780	55.730	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.460%			
35) Dibromofluoromethane	5.391	113	110151	51.206	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.420%			
50) Toluene-d8	8.653	98	374314	49.200	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.079	95	154080	51.752	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	47286	19.860	ug/l	98
3) Chloromethane	1.288	50	59058	23.241	ug/l	98
4) Vinyl Chloride	1.374	62	53281	20.203	ug/l	95
5) Bromomethane	1.605	94	25908	18.341	ug/l	99
6) Chloroethane	1.685	64	32843	27.132	ug/l	96
7) Trichlorofluoromethane	1.886	101	78053	20.309	ug/l	95
8) Diethyl Ether	2.136	74	31576	21.079	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	47756	20.616	ug/l	98
10) Methyl Iodide	2.453	142	39776	14.806	ug/l	97
11) Tert butyl alcohol	2.977	59	70448	88.404	ug/l	96
12) 1,1-Dichloroethene	2.319	96	45459	20.162	ug/l	95
13) Acrolein	2.239	56	27153	98.031	ug/l	97
14) Allyl chloride	2.666	41	73950	20.432	ug/l	95
15) Acrylonitrile	3.069	53	155053	108.656	ug/l	99
16) Acetone	2.386	43	128167	105.630	ug/l	98
17) Carbon Disulfide	2.514	76	102020	18.383	ug/l	100
18) Methyl Acetate	2.709	43	70771	22.015	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	171905	22.086	ug/l	99
20) Methylene Chloride	2.788	84	54273	20.029	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	51329	20.283	ug/l	98
22) Diisopropyl ether	3.764	45	160817	22.012	ug/l #	89
23) Vinyl Acetate	3.727	43	680578	112.368	ug/l	97
24) 1,1-Dichloroethane	3.611	63	92768	21.052	ug/l	99
25) 2-Butanone	4.562	43	214167	111.582	ug/l	98
26) 2,2-Dichloropropane	4.483	77	63226	20.126	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	60548	20.227	ug/l	97
28) Bromochloromethane	4.898	49	37153	21.448	ug/l	98
29) Tetrahydrofuran	5.007	42	142328	113.782	ug/l	94
30) Chloroform	5.099	83	100272	21.087	ug/l	99
31) Cyclohexane	5.471	56	85914	21.130	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	86154	21.030	ug/l	98
36) 1,1-Dichloropropene	5.690	75	72364	20.364	ug/l	100
37) Ethyl Acetate	4.721	43	79233	21.601	ug/l	99
38) Carbon Tetrachloride	5.678	117	69594	19.161	ug/l	99
39) Methylcyclohexane	7.385	83	92310	21.090	ug/l	99
40) Benzene	6.044	78	216412	20.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43577	21.129	ug/l	96
42) 1,2-Dichloroethane	6.092	62	77757	21.160	ug/l	99
43) Isopropyl Acetate	6.348	43	120965	21.951	ug/l	97
44) Trichloroethene	7.129	130	61892	21.489	ug/l	88
45) 1,2-Dichloropropane	7.434	63	54332	20.890	ug/l	95
46) Dibromomethane	7.586	93	39790	21.118	ug/l	94
47) Bromodichloromethane	7.824	83	73434	20.650	ug/l	95
48) Methyl methacrylate	7.696	41	60789	21.933	ug/l	91
49) 1,4-Dioxane	7.678	88	31444	441.042	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	411721	114.161	ug/l	96
52) Toluene	8.720	92	140617	20.707	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	71923	19.428	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81527	20.421	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	59329	21.598	ug/l	99
56) Ethyl methacrylate	9.116	69	87310	21.847	ug/l	92
57) 1,3-Dichloropropane	9.311	76	96950	20.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	205837	106.022	ug/l	99
59) 2-Hexanone	9.433	43	317896	115.934	ug/l	94
60) Dibromochloromethane	9.525	129	53193	20.016	ug/l	95
61) 1,2-Dibromoethane	9.610	107	61301	20.922	ug/l	100
64) Tetrachloroethene	9.275	164	52329	21.157	ug/l	96
65) Chlorobenzene	10.080	112	149715	20.825	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51784	20.694	ug/l	99
67) Ethyl Benzene	10.195	91	270497	21.409	ug/l	98
68) m/p-Xylenes	10.305	106	209814	42.921	ug/l	98
69) o-Xylene	10.647	106	103750	21.841	ug/l	99
70) Styrene	10.659	104	176049	22.207	ug/l	98
71) Bromoform	10.799	173	35079	19.738	ug/l #	99
73) Isopropylbenzene	10.964	105	273404	21.885	ug/l	97
74) N-amyl acetate	10.848	43	92834	21.951	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	90953	21.572	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	81281m	21.930	ug/l	
77) Bromobenzene	11.201	156	61646	21.016	ug/l	92
78) n-propylbenzene	11.305	91	307445	21.688	ug/l	100
79) 2-Chlorotoluene	11.366	91	190697	21.844	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	236101	22.257	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19856	18.129	ug/l #	79
82) 4-Chlorotoluene	11.457	91	215876	21.423	ug/l	99
83) tert-Butylbenzene	11.719	119	223899	21.753	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	233025	22.256	ug/l	97
85) sec-Butylbenzene	11.890	105	287326	22.733	ug/l	98
86) p-Isopropyltoluene	12.012	119	239136	22.569	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	117585	21.004	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	118034	20.731	ug/l	97
89) n-Butylbenzene	12.335	91	201123	22.514	ug/l	100
90) Hexachloroethane	12.543	117	29618	17.582	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	119521	21.532	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19576	22.324	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	72816	22.225	ug/l	98
94) Hexachlorobutadiene	13.725	225	30703	22.541	ug/l	92
95) Naphthalene	13.780	128	268403	23.212	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72650	22.238	ug/l	94

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

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