

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028845.D
 Acq On : 20 May 2022 12:34
 Operator : JC/MD
 Sample : VX0520WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS01

Quant Time: May 20 23:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	215467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142347	48.195	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.400%		
35) Dibromofluoromethane	5.385	113	127058	49.613	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.220%		
50) Toluene-d8	8.647	98	417959	43.288	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.580%		
62) 4-Bromofluorobenzene	11.079	95	153730	42.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51148	18.129	ug/l	96
3) Chloromethane	1.288	50	47279	17.794	ug/l	99
4) Vinyl Chloride	1.374	62	53933	18.836	ug/l	99
5) Bromomethane	1.605	94	55214	24.440	ug/l	100
6) Chloroethane	1.685	64	39752	20.752	ug/l	100
7) Trichlorofluoromethane	1.886	101	98641	21.607	ug/l	99
8) Diethyl Ether	2.136	74	33797	20.318	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	45508	18.943	ug/l	96
10) Methyl Iodide	2.453	142	40501	14.082	ug/l	94
11) Tert butyl alcohol	2.971	59	62340	94.493	ug/l	96
12) 1,1-Dichloroethene	2.319	96	39790	17.843	ug/l	93
13) Acrolein	2.233	56	39985	82.479	ug/l	99
14) Allyl chloride	2.666	41	63447	17.739	ug/l	90
15) Acrylonitrile	3.062	53	130766	91.892	ug/l	98
16) Acetone	2.380	43	114063	89.984	ug/l	91
17) Carbon Disulfide	2.514	76	92986	16.086	ug/l	97
18) Methyl Acetate	2.703	43	60980	19.207	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	144829	18.302	ug/l	100
20) Methylene Chloride	2.788	84	48064	18.074	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	44539	17.732	ug/l	98
22) Diisopropyl ether	3.757	45	145083	18.982	ug/l #	76
23) Vinyl Acetate	3.721	43	652447	99.021	ug/l	96
24) 1,1-Dichloroethane	3.611	63	86686	19.509	ug/l	99
25) 2-Butanone	4.556	43	182728	91.836	ug/l	96
26) 2,2-Dichloropropane	4.483	77	65656	18.845	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	54598	18.611	ug/l	99
28) Bromochloromethane	4.897	49	35062	18.747	ug/l	96
29) Tetrahydrofuran	5.013	42	119357	92.286	ug/l	95
30) Chloroform	5.092	83	93268	19.395	ug/l	92
31) Cyclohexane	5.470	56	69460	16.943	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	84826	20.205	ug/l	98
36) 1,1-Dichloropropene	5.696	75	62925	16.359	ug/l	100
37) Ethyl Acetate	4.715	43	71353	17.760	ug/l	97
38) Carbon Tetrachloride	5.678	117	65836	17.007	ug/l	97
39) Methylcyclohexane	7.379	83	73281	16.612	ug/l	93
40) Benzene	6.037	78	184663	16.704	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39101	18.151	ug/l	94
42) 1,2-Dichloroethane	6.086	62	72464	17.771	ug/l	98
43) Isopropyl Acetate	6.342	43	104578	16.638	ug/l	95
44) Trichloroethene	7.129	130	50870	16.967	ug/l	95
45) 1,2-Dichloropropane	7.434	63	46839	16.982	ug/l	95
46) Dibromomethane	7.580	93	35247	17.112	ug/l	94
47) Bromodichloromethane	7.824	83	66622	17.421	ug/l	99
48) Methyl methacrylate	7.696	41	51845	17.075	ug/l #	86
49) 1,4-Dioxane	7.671	88	24164	318.563	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	357916	86.450	ug/l	93
52) Toluene	8.720	92	120697	16.972	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	68566	16.706	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	71159	16.537	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	53704	18.520	ug/l	95
56) Ethyl methacrylate	9.116	69	79322	18.063	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	83654	17.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	190462	88.590	ug/l	98
59) 2-Hexanone	9.433	43	274442	85.321	ug/l	90
60) Dibromochloromethane	9.525	129	48814	17.260	ug/l	98
61) 1,2-Dibromoethane	9.610	107	51974	17.065	ug/l	99
64) Tetrachloroethene	9.275	164	50512	21.002	ug/l	98
65) Chlorobenzene	10.079	112	131437	19.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	47490	19.842	ug/l	99
67) Ethyl Benzene	10.195	91	231385	19.106	ug/l	99
68) m/p-Xylenes	10.305	106	178848	37.933	ug/l	98
69) o-Xylene	10.640	106	87190	18.783	ug/l	98
70) Styrene	10.659	104	145322	19.278	ug/l	98
71) Bromoform	10.799	173	32848	17.798	ug/l #	98
73) Isopropylbenzene	10.963	105	232295	17.296	ug/l	99
74) N-amyl acetate	10.848	43	86141	16.317	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	78376	17.011	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	70890m	17.092	ug/l	
77) Bromobenzene	11.201	156	54284	17.083	ug/l	96
78) n-propylbenzene	11.305	91	264413	17.020	ug/l	100
79) 2-Chlorotoluene	11.366	91	159827	16.786	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	194730	17.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20426	17.425	ug/l #	78
82) 4-Chlorotoluene	11.457	91	184872	16.795	ug/l	100
83) tert-Butylbenzene	11.713	119	191294	17.655	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	197425	17.593	ug/l	98
85) sec-Butylbenzene	11.890	105	250465	18.740	ug/l	100
86) p-Isopropyltoluene	12.012	119	216377	19.294	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115899	18.595	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	117753	18.214	ug/l	97
89) n-Butylbenzene	12.335	91	166554	17.140	ug/l	97
90) Hexachloroethane	12.542	117	30311	16.713	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	105511	17.232	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17597	17.887	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	61962	17.521	ug/l	98
94) Hexachlorobutadiene	13.725	225	25898	18.026	ug/l	95
95) Naphthalene	13.774	128	223173	17.734	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63629	17.914	ug/l	95

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

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