

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026755.D
 Acq On : 03 Feb 2022 13:55
 Operator : JC/MD
 Sample : VX0203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 04 02:32:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	99348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62802	45.252	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.500%		
35) Dibromofluoromethane	5.391	113	51513	49.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	8.653	98	184480	49.554	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	67015	50.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	16694	14.230	ug/l	94
3) Chloromethane	1.294	50	14970	13.920	ug/l	99
4) Vinyl Chloride	1.380	62	17096	15.141	ug/l	96
5) Bromomethane	1.611	94	7764	14.906	ug/l	95
6) Chloroethane	1.691	64	10392	18.201	ug/l	96
7) Trichlorofluoromethane	1.892	101	27422	15.383	ug/l	99
8) Diethyl Ether	2.136	74	10337	16.387	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	20011	18.420	ug/l	98
10) Methyl Iodide	2.459	142	20742	20.604	ug/l	97
11) Tert butyl alcohol	2.977	59	17118	88.667	ug/l	97
12) 1,1-Dichloroethene	2.325	96	18031	17.378	ug/l	87
13) Acrolein	2.239	56	16422	80.050	ug/l	99
14) Allyl chloride	2.666	41	32715	17.146	ug/l	97
15) Acrylonitrile	3.068	53	57158	96.178	ug/l	98
16) Acetone	2.386	43	56977	80.506	ug/l	94
17) Carbon Disulfide	2.514	76	40863	13.490	ug/l	100
18) Methyl Acetate	2.709	43	26453	18.801	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	67394	17.901	ug/l	99
20) Methylene Chloride	2.794	84	20340	17.395	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	19330	17.209	ug/l	99
22) Diisopropyl ether	3.763	45	70175	18.106	ug/l	99
23) Vinyl Acetate	3.727	43	292407	91.652	ug/l	97
24) 1,1-Dichloroethane	3.611	63	37544	17.936	ug/l	99
25) 2-Butanone	4.562	43	82460	89.593	ug/l	99
26) 2,2-Dichloropropane	4.483	77	28188	18.168	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	23820	18.581	ug/l	95
28) Bromochloromethane	4.904	49	17562	20.433	ug/l	99
29) Tetrahydrofuran	5.013	42	51292	93.833	ug/l	99
30) Chloroform	5.099	83	38963	17.915	ug/l	98
31) Cyclohexane	5.483	56	33195	16.217	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	33799	17.668	ug/l	100
36) 1,1-Dichloropropene	5.696	75	27623	16.937	ug/l	96
37) Ethyl Acetate	4.715	43	30797	18.668	ug/l	98
38) Carbon Tetrachloride	5.684	117	29133	17.366	ug/l	98
39) Methylcyclohexane	7.385	83	33860	17.212	ug/l	96
40) Benzene	6.044	78	81960	18.182	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17446	18.668	ug/l	96
42) 1,2-Dichloroethane	6.092	62	30213	17.131	ug/l	98
43) Isopropyl Acetate	6.342	43	49778	18.679	ug/l	98
44) Trichloroethene	7.129	130	24378	19.059	ug/l	99
45) 1,2-Dichloropropane	7.434	63	21667	19.256	ug/l	97
46) Dibromomethane	7.580	93	14453	18.221	ug/l	98
47) Bromodichloromethane	7.824	83	28914	18.041	ug/l	96
48) Methyl methacrylate	7.696	41	24075	18.229	ug/l	96
49) 1,4-Dioxane	7.677	88	7672	353.981	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	154254	97.588	ug/l	99
52) Toluene	8.720	92	50823	18.385	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27771	17.479	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32293	18.760	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21256	19.704	ug/l	98
56) Ethyl methacrylate	9.116	69	32165	19.456	ug/l	96
57) 1,3-Dichloropropane	9.311	76	35712	19.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80868	93.288	ug/l	98
59) 2-Hexanone	9.433	43	116672	96.439	ug/l	98
60) Dibromochloromethane	9.525	129	21355	18.997	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21352	18.995	ug/l	99
64) Tetrachloroethene	9.275	164	26486	20.519	ug/l	96
65) Chlorobenzene	10.079	112	54079	18.794	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20229	18.920	ug/l	100
67) Ethyl Benzene	10.195	91	95859	18.332	ug/l	98
68) m/p-Xylenes	10.305	106	73752	37.689	ug/l	97
69) o-Xylene	10.640	106	36111	19.124	ug/l	97
70) Styrene	10.659	104	59795	19.407	ug/l	99
71) Bromoform	10.799	173	14184	18.801	ug/l #	99
73) Isopropylbenzene	10.963	105	95358	18.392	ug/l	99
74) N-amyl acetate	10.841	43	37151	18.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	25984	18.671	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	27641m	19.847	ug/l	
77) Bromobenzene	11.195	156	22547	18.982	ug/l	98
78) n-propylbenzene	11.305	91	108786	18.399	ug/l	100
79) 2-Chlorotoluene	11.366	91	66261	18.481	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	80615	18.860	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7463	20.196	ug/l	97
82) 4-Chlorotoluene	11.457	91	74545	18.091	ug/l	98
83) tert-Butylbenzene	11.713	119	73510	18.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	78739	18.417	ug/l	98
85) sec-Butylbenzene	11.890	105	98381	19.061	ug/l	100
86) p-Isopropyltoluene	12.012	119	83033	19.175	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41431	18.609	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	41562	18.443	ug/l	98
89) n-Butylbenzene	12.335	91	69502	18.703	ug/l	99
90) Hexachloroethane	12.542	117	12203	18.329	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40987	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5918	17.595	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	26080	19.334	ug/l	99
94) Hexachlorobutadiene	13.725	225	11433	20.078	ug/l	97
95) Naphthalene	13.780	128	89894	19.979	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26597	20.049	ug/l	98

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

