

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026369.D
 Acq On : 06 Jan 2022 13:22
 Operator : JC/MD
 Sample : VX0106WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/07/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 07 04:11:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	107579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82124	52.767	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.391	113	60952	53.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	8.647	98	218252	51.295	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.600%			
62) 4-Bromofluorobenzene	11.079	95	82781	54.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21893	19.377	ug/l	98
3) Chloromethane	1.294	50	20111	15.291	ug/l	99
4) Vinyl Chloride	1.380	62	22888	16.536	ug/l	98
5) Bromomethane	1.617	94	11500	13.463	ug/l	97
6) Chloroethane	1.691	64	14174	14.563	ug/l	99
7) Trichlorofluoromethane	1.892	101	38229	16.034	ug/l	96
8) Diethyl Ether	2.136	74	14218	17.358	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	24459	19.459	ug/l	100
10) Methyl Iodide	2.459	142	19528	12.014	ug/l	98
11) Tert butyl alcohol	2.983	59	23351m	75.119	ug/l	
12) 1,1-Dichloroethene	2.325	96	22380	18.787	ug/l	89
13) Acrolein	2.239	56	9957	89.577	ug/l	98
14) Allyl chloride	2.666	41	41419	17.594	ug/l	96
15) Acrylonitrile	3.068	53	66261	86.094	ug/l	99
16) Acetone	2.386	43	76594	90.831	ug/l	95
17) Carbon Disulfide	2.514	76	60660	17.743	ug/l	99
18) Methyl Acetate	2.703	43	47252	17.275	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	84432	20.291	ug/l	99
20) Methylene Chloride	2.794	84	24968	17.911	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	24745	19.041	ug/l	93
22) Diisopropyl ether	3.763	45	87341	19.438	ug/l	93
23) Vinyl Acetate	3.721	43	331883	93.018	ug/l	97
24) 1,1-Dichloroethane	3.611	63	46959	19.285	ug/l	98
25) 2-Butanone	4.556	43	101766	86.635	ug/l	98
26) 2,2-Dichloropropane	4.477	77	33694	18.365	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28459	19.249	ug/l	92
28) Bromochloromethane	4.903	49	20600	19.087	ug/l	93
29) Tetrahydrofuran	5.007	42	61212	82.677	ug/l	96
30) Chloroform	5.098	83	49236	19.117	ug/l	92
31) Cyclohexane	5.476	56	43162	19.474	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	43325	19.350	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36464	19.764	ug/l	98
37) Ethyl Acetate	4.714	43	38031	17.778	ug/l	100
38) Carbon Tetrachloride	5.678	117	37694	18.367	ug/l	99
39) Methylcyclohexane	7.385	83	41828	20.098	ug/l	94
40) Benzene	6.037	78	101209	19.221	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21887	18.118	ug/l	95
42) 1,2-Dichloroethane	6.086	62	40985	19.233	ug/l	97
43) Isopropyl Acetate	6.342	43	63182	18.122	ug/l	97
44) Trichloroethene	7.129	130	28890	20.390	ug/l	90
45) 1,2-Dichloropropane	7.433	63	25821	19.172	ug/l	99
46) Dibromomethane	7.586	93	18017	18.035	ug/l	98
47) Bromodichloromethane	7.824	83	36587	18.001	ug/l	96
48) Methyl methacrylate	7.696	41	31762	18.995	ug/l	91
49) 1,4-Dioxane	7.683	88	9062	294.086	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	195010	89.880	ug/l	98
52) Toluene	8.720	92	62994	19.433	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	33214	16.677	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38224	17.794	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	25167	18.890	ug/l	95
56) Ethyl methacrylate	9.116	69	40266	19.596	ug/l	95
57) 1,3-Dichloropropane	9.311	76	43988	19.275	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	94065	92.097	ug/l	97
59) 2-Hexanone	9.433	43	148046	90.080	ug/l	98
60) Dibromochloromethane	9.524	129	25452	16.864	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25780	18.085	ug/l	98
64) Tetrachloroethene	9.275	164	29408	23.018	ug/l	96
65) Chlorobenzene	10.079	112	65945	19.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	23967	18.912	ug/l	98
67) Ethyl Benzene	10.195	91	121089	20.362	ug/l	99
68) m/p-Xylenes	10.305	106	91588	41.249	ug/l	92
69) o-Xylene	10.640	106	45364	20.881	ug/l	96
70) Styrene	10.658	104	73144	20.537	ug/l	96
71) Bromoform	10.799	173	15750	15.320	ug/l #	100
73) Isopropylbenzene	10.963	105	117745	21.555	ug/l	98
74) N-amyl acetate	10.841	43	49074	19.564	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32017	17.234	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	33146m	19.540	ug/l	
77) Bromobenzene	11.201	156	26972	20.820	ug/l	93
78) n-propylbenzene	11.305	91	135336	21.548	ug/l	97
79) 2-Chlorotoluene	11.366	91	82080	21.230	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	99855	22.027	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7038	12.003	ug/l #	71
82) 4-Chlorotoluene	11.457	91	94913	21.737	ug/l	95
83) tert-Butylbenzene	11.713	119	92459	21.013	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	99380	21.940	ug/l	95
85) sec-Butylbenzene	11.890	105	119291	21.725	ug/l	98
86) p-Isopropyltoluene	12.012	119	100108	21.869	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49239	20.247	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	50563	19.392	ug/l	98
89) n-Butylbenzene	12.335	91	85726	21.073	ug/l	99
90) Hexachloroethane	12.542	117	13308	14.556	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48650	19.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7588	15.955	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	29899	20.056	ug/l	98
94) Hexachlorobutadiene	13.725	225	12656	20.447	ug/l	98
95) Naphthalene	13.780	128	106118	19.538	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30501	20.110	ug/l	97

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

