

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026941.D
 Acq On : 11 Feb 2022 00:27
 Operator : JC/MD
 Sample : VX0210WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2022
 Supervised By :Mahesh Dadoda 02/11/2022

Quant Time: Feb 11 04:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	93729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55432	49.268	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.540%		
35) Dibromofluoromethane	5.391	113	43777	47.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.653	98	167381	49.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	60536	51.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21160	20.762	ug/l	98
3) Chloromethane	1.294	50	20647	21.777	ug/l	99
4) Vinyl Chloride	1.380	62	21268	21.429	ug/l	97
5) Bromomethane	1.618	94	10046	23.853	ug/l	95
6) Chloroethane	1.691	64	12408	20.981	ug/l	98
7) Trichlorofluoromethane	1.892	101	30175	20.660	ug/l	97
8) Diethyl Ether	2.136	74	11092	20.501	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	19303	20.163	ug/l	100
10) Methyl Iodide	2.459	142	23263	18.983	ug/l	97
11) Tert butyl alcohol	2.983	59	18622	91.618	ug/l	98
12) 1,1-Dichloroethene	2.325	96	18796	19.595	ug/l	96
13) Acrolein	2.239	56	16530	88.002	ug/l	98
14) Allyl chloride	2.672	41	34059	20.045	ug/l	96
15) Acrylonitrile	3.068	53	61635	105.819	ug/l	99
16) Acetone	2.386	43	50550	102.294	ug/l	94
17) Carbon Disulfide	2.520	76	49721	18.310	ug/l	100
18) Methyl Acetate	2.709	43	28377	19.958	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	65833	19.389	ug/l	99
20) Methylene Chloride	2.794	84	21751	20.314	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	20319	20.130	ug/l	99
22) Diisopropyl ether	3.763	45	70723	20.674	ug/l	97
23) Vinyl Acetate	3.727	43	294947	102.549	ug/l	98
24) 1,1-Dichloroethane	3.617	63	37478	20.247	ug/l	99
25) 2-Butanone	4.562	43	83671	105.091	ug/l	100
26) 2,2-Dichloropropane	4.483	77	23676	18.930	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	23673	20.426	ug/l	95
28) Bromochloromethane	4.904	49	16762	21.845	ug/l	99
29) Tetrahydrofuran	5.013	42	57326	105.911	ug/l	100
30) Chloroform	5.099	83	39316	20.443	ug/l	98
31) Cyclohexane	5.483	56	36754	20.559	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	33196	19.577	ug/l	98
36) 1,1-Dichloropropene	5.702	75	29154	20.253	ug/l	99
37) Ethyl Acetate	4.715	43	34437	21.051	ug/l	99
38) Carbon Tetrachloride	5.690	117	29485	19.533	ug/l	98
39) Methylcyclohexane	7.385	83	35409	20.058	ug/l	98
40) Benzene	6.044	78	84873	20.231	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19222	21.680	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31768	21.489	ug/l	99
43) Isopropyl Acetate	6.342	43	50558	20.087	ug/l	99
44) Trichloroethene	7.129	130	24750	19.648	ug/l	96
45) 1,2-Dichloropropane	7.434	63	21150	19.926	ug/l	97
46) Dibromomethane	7.586	93	15206	20.704	ug/l	99
47) Bromodichloromethane	7.824	83	29760	21.159	ug/l	98
48) Methyl methacrylate	7.696	41	25356	20.331	ug/l	98
49) 1,4-Dioxane	7.690	88	8510	395.982	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	166974	109.472	ug/l	99
52) Toluene	8.720	92	54844	20.648	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28116	19.317	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	31930	20.559	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22154	22.032	ug/l	96
56) Ethyl methacrylate	9.116	69	33928	21.286	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37241	21.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	85337	104.309	ug/l	99
59) 2-Hexanone	9.433	43	122329	109.649	ug/l	98
60) Dibromochloromethane	9.525	129	22282	21.536	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23164	21.803	ug/l	98
64) Tetrachloroethene	9.275	164	26345	18.871	ug/l	95
65) Chlorobenzene	10.079	112	58385	20.310	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21347	20.187	ug/l	97
67) Ethyl Benzene	10.195	91	103645	20.371	ug/l	99
68) m/p-Xylenes	10.305	106	78316	40.008	ug/l	100
69) o-Xylene	10.640	106	38544	20.095	ug/l	97
70) Styrene	10.659	104	64094	20.603	ug/l	97
71) Bromoform	10.799	173	14328	18.704	ug/l #	99
73) Isopropylbenzene	10.963	105	102103	20.922	ug/l	100
74) N-amyl acetate	10.841	43	38928	19.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27368	20.665	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27739m	20.453	ug/l	
77) Bromobenzene	11.201	156	23759	20.482	ug/l	97
78) n-propylbenzene	11.305	91	114408	21.147	ug/l	100
79) 2-Chlorotoluene	11.366	91	69560	20.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	83670	20.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7073	18.592	ug/l	97
82) 4-Chlorotoluene	11.457	91	78333	20.889	ug/l	99
83) tert-Butylbenzene	11.713	119	78472	20.499	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	83485	20.607	ug/l	99
85) sec-Butylbenzene	11.890	105	100432	20.697	ug/l	100
86) p-Isopropyltoluene	12.012	119	83753	20.374	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42450	19.971	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42451	19.803	ug/l	98
89) n-Butylbenzene	12.335	91	68141	20.260	ug/l	99
90) Hexachloroethane	12.542	117	12384	20.843	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	41636	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6027	18.506	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	24490	18.920	ug/l	99
94) Hexachlorobutadiene	13.725	225	10383	18.964	ug/l	97
95) Naphthalene	13.780	128	88182	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25866	19.735	ug/l	98

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

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