

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026888.D
 Acq On : 09 Feb 2022 23:52
 Operator : JC/MD
 Sample : VX0209WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0209WBS02

Quant Time: Feb 10 01:13:03 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66798	55.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.820%			
35) Dibromofluoromethane	5.391	113	52506	52.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	8.653	98	200221	54.401	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.800%			
62) 4-Bromofluorobenzene	11.079	95	72163	55.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21463	19.656	ug/l	100
3) Chloromethane	1.294	50	21007	20.681	ug/l	98
4) Vinyl Chloride	1.380	62	21720	20.426	ug/l	99
5) Bromomethane	1.617	94	10126	22.442	ug/l	100
6) Chloroethane	1.690	64	12304	19.316	ug/l	98
7) Trichlorofluoromethane	1.892	101	30589	19.548	ug/l	98
8) Diethyl Ether	2.135	74	11222	19.360	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	19628	19.136	ug/l	99
10) Methyl Iodide	2.459	142	23935	18.320	ug/l	98
11) Tert butyl alcohol	2.977	59	19229	88.302	ug/l	97
12) 1,1-Dichloroethene	2.324	96	19413	18.890	ug/l	94
13) Acrolein	2.239	56	17438	86.651	ug/l	98
14) Allyl chloride	2.666	41	35158	19.313	ug/l	95
15) Acrylonitrile	3.068	53	63429	101.644	ug/l	98
16) Acetone	2.385	43	53194	100.473	ug/l	96
17) Carbon Disulfide	2.520	76	51914	17.844	ug/l	100
18) Methyl Acetate	2.709	43	28708	18.846	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	68449	18.817	ug/l	97
20) Methylene Chloride	2.794	84	22111	19.274	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	20831	19.262	ug/l	97
22) Diisopropyl ether	3.763	45	71224	19.433	ug/l	96
23) Vinyl Acetate	3.727	43	302214	98.075	ug/l	99
24) 1,1-Dichloroethane	3.617	63	37945	19.133	ug/l	99
25) 2-Butanone	4.562	43	87530	102.614	ug/l	100
26) 2,2-Dichloropropane	4.483	77	25384	18.944	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	24118	19.424	ug/l	96
28) Bromochloromethane	4.903	49	16940	20.606	ug/l	100
29) Tetrahydrofuran	5.007	42	58864	101.507	ug/l	99
30) Chloroform	5.098	83	39887	19.358	ug/l	100
31) Cyclohexane	5.476	56	36175	18.887	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	33953	18.690	ug/l	99
36) 1,1-Dichloropropene	5.696	75	29515	18.660	ug/l	99
37) Ethyl Acetate	4.714	43	33992	18.910	ug/l	99
38) Carbon Tetrachloride	5.684	117	30213	18.215	ug/l	95
39) Methylcyclohexane	7.385	83	35800	18.456	ug/l	98
40) Benzene	6.043	78	85489	18.544	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18663	19.156	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31999	19.698	ug/l	98
43) Isopropyl Acetate	6.342	43	52082	18.831	ug/l	98
44) Trichloroethene	7.128	130	25296	18.275	ug/l	93
45) 1,2-Dichloropropane	7.433	63	21781	18.674	ug/l	100
46) Dibromomethane	7.586	93	15205	18.840	ug/l	99
47) Bromodichloromethane	7.823	83	29883	19.335	ug/l	98
48) Methyl methacrylate	7.695	41	26627	19.430	ug/l	97
49) 1,4-Dioxane	7.683	88	8748	370.437	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	173383	103.447	ug/l	99
52) Toluene	8.720	92	55611	19.053	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28981	18.204	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32627	19.117	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	22282	20.166	ug/l	95
56) Ethyl methacrylate	9.116	69	34815	19.877	ug/l	97
57) 1,3-Dichloropropane	9.311	76	38019	20.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	80219	89.232	ug/l	99
59) 2-Hexanone	9.433	43	126837	103.462	ug/l	99
60) Dibromochloromethane	9.524	129	22728	19.991	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23010	19.710	ug/l	98
64) Tetrachloroethene	9.274	164	26344	17.346	ug/l	96
65) Chlorobenzene	10.079	112	58402	18.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20936	18.198	ug/l	99
67) Ethyl Benzene	10.195	91	105436	19.049	ug/l	99
68) m/p-Xylenes	10.305	106	80618	37.856	ug/l	98
69) o-Xylene	10.640	106	39633	18.993	ug/l	97
70) Styrene	10.658	104	65916	19.476	ug/l	99
71) Bromoform	10.799	173	14770	17.820	ug/l #	99
73) Isopropylbenzene	10.963	105	104023	19.730	ug/l	99
74) N-amyl acetate	10.841	43	40736	19.337	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	27484	19.209	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	28650m	19.553	ug/l	
77) Bromobenzene	11.201	156	24156	19.275	ug/l	98
78) n-propylbenzene	11.305	91	116292	19.896	ug/l	99
79) 2-Chlorotoluene	11.366	91	70665	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85216	19.638	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7296	17.905	ug/l	99
82) 4-Chlorotoluene	11.457	91	80037	19.755	ug/l	99
83) tert-Butylbenzene	11.713	119	81654	19.743	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	85701	19.581	ug/l	98
85) sec-Butylbenzene	11.890	105	102716	19.593	ug/l	99
86) p-Isopropyltoluene	12.012	119	87252	19.646	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	43269	18.842	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	43300	18.697	ug/l	98
89) n-Butylbenzene	12.335	91	70329	19.355	ug/l	99
90) Hexachloroethane	12.542	117	12309	19.176	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	41784	18.857	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6268	17.814	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	25105	17.953	ug/l	99
94) Hexachlorobutadiene	13.725	225	10803	18.264	ug/l	98
95) Naphthalene	13.780	128	90958	18.569	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25406	17.942	ug/l	97

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

