

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026889.D
 Acq On : 10 Feb 2022 00:15
 Operator : JC/MD
 Sample : VX0209WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0209WBSD02

Quant Time: Feb 10 01:13:41 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	95329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62418	54.546	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.100%			
35) Dibromofluoromethane	5.391	113	48890	51.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	8.653	98	188717	54.488	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.980%			
62) 4-Bromofluorobenzene	11.079	95	68190	55.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	22148	21.367	ug/l	98
3) Chloromethane	1.294	50	21259	22.046	ug/l	98
4) Vinyl Chloride	1.380	62	21971	21.766	ug/l	98
5) Bromomethane	1.618	94	10008	23.364	ug/l	99
6) Chloroethane	1.691	64	12982	21.627	ug/l	99
7) Trichlorofluoromethane	1.892	101	31000	20.869	ug/l	97
8) Diethyl Ether	2.136	74	11616	21.110	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	20052	20.593	ug/l	98
10) Methyl Iodide	2.459	142	25609	20.361	ug/l	98
11) Tert butyl alcohol	2.977	59	19567	94.651	ug/l	95
12) 1,1-Dichloroethene	2.325	96	19740	20.233	ug/l	93
13) Acrolein	2.239	56	19283	100.936	ug/l	99
14) Allyl chloride	2.672	41	36160	20.924	ug/l	95
15) Acrylonitrile	3.069	53	63117	106.544	ug/l	100
16) Acetone	2.386	43	53192	105.834	ug/l	97
17) Carbon Disulfide	2.520	76	54104	19.590	ug/l	99
18) Methyl Acetate	2.709	43	28937	20.011	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	70167	20.319	ug/l	99
20) Methylene Chloride	2.794	84	22577	20.731	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	21402	20.847	ug/l	95
22) Diisopropyl ether	3.764	45	72840	20.936	ug/l	100
23) Vinyl Acetate	3.727	43	309141	105.680	ug/l	98
24) 1,1-Dichloroethane	3.617	63	39243	20.844	ug/l	99
25) 2-Butanone	4.562	43	87540	108.105	ug/l	98
26) 2,2-Dichloropropane	4.483	77	26870	21.124	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	25138	21.326	ug/l	96
28) Bromochloromethane	4.904	49	16423	21.044	ug/l	98
29) Tetrahydrofuran	5.007	42	57314	104.111	ug/l	98
30) Chloroform	5.099	83	40353	20.630	ug/l	96
31) Cyclohexane	5.477	56	37212	20.466	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	35648	20.670	ug/l	99
36) 1,1-Dichloropropene	5.702	75	30419	20.436	ug/l	98
37) Ethyl Acetate	4.715	43	33209	19.632	ug/l	99
38) Carbon Tetrachloride	5.684	117	31291	20.047	ug/l	96
39) Methylcyclohexane	7.385	83	36771	20.144	ug/l	98
40) Benzene	6.044	78	88650	20.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19261	21.008	ug/l	96
42) 1,2-Dichloroethane	6.092	62	32818	21.468	ug/l	99
43) Isopropyl Acetate	6.342	43	53439	20.532	ug/l	99
44) Trichloroethene	7.129	130	26102	20.039	ug/l	97
45) 1,2-Dichloropropane	7.434	63	22668	20.652	ug/l	98
46) Dibromomethane	7.586	93	15744	20.730	ug/l	98
47) Bromodichloromethane	7.824	83	31074	21.365	ug/l	99
48) Methyl methacrylate	7.696	41	26648	20.663	ug/l	97
49) 1,4-Dioxane	7.684	88	8963	403.322	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	173214	109.822	ug/l	99
52) Toluene	8.720	92	57448	20.916	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	30479	20.185	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34376	21.404	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	22687	21.819	ug/l	99
56) Ethyl methacrylate	9.116	69	35060	21.271	ug/l	98
57) 1,3-Dichloropropane	9.311	76	38921	21.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	84705	100.125	ug/l	99
59) 2-Hexanone	9.433	43	127061	110.139	ug/l	98
60) Dibromochloromethane	9.525	129	23293	21.771	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24065	21.905	ug/l	98
64) Tetrachloroethene	9.275	164	27409	19.083	ug/l	97
65) Chlorobenzene	10.079	112	61122	20.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	21802	20.039	ug/l	99
67) Ethyl Benzene	10.195	91	109283	20.877	ug/l	100
68) m/p-Xylenes	10.305	106	83350	41.386	ug/l	97
69) o-Xylene	10.640	106	41038	20.795	ug/l	96
70) Styrene	10.659	104	67166	20.985	ug/l	98
71) Bromoform	10.799	173	15211	19.240	ug/l #	98
73) Isopropylbenzene	10.963	105	107644	21.395	ug/l	99
74) N-amyl acetate	10.842	43	41236	20.512	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	28132	20.604	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29609m	21.175	ug/l	
77) Bromobenzene	11.201	156	24834	20.765	ug/l	97
78) n-propylbenzene	11.305	91	119404	21.407	ug/l	99
79) 2-Chlorotoluene	11.366	91	72436	21.018	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88323	21.329	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7322	18.655	ug/l	97
82) 4-Chlorotoluene	11.457	91	82695	21.389	ug/l	98
83) tert-Butylbenzene	11.713	119	83258	21.095	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	88471	21.181	ug/l	100
85) sec-Butylbenzene	11.890	105	106180	21.224	ug/l	100
86) p-Isopropyltoluene	12.012	119	89533	21.125	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44505	20.308	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	44546	20.156	ug/l	99
89) n-Butylbenzene	12.335	91	72855	21.010	ug/l	98
90) Hexachloroethane	12.542	117	12790	20.880	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	43413	20.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6387	19.022	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	25949	19.445	ug/l	98
94) Hexachlorobutadiene	13.725	225	11224	19.884	ug/l	98
95) Naphthalene	13.774	128	93194	19.937	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26525	19.630	ug/l	99

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

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