

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034666.D
 Acq On : 22 Mar 2023 12:24
 Operator : JC/MD
 Sample : VX0322WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS02

Quant Time: Mar 23 07:52:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	253964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	437913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187514	50.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.500%			
35) Dibromofluoromethane	5.379	113	143946	49.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	8.647	98	507709	47.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.080%			
62) 4-Bromofluorobenzene	11.079	95	199674	45.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49466	20.893	ug/l	99
3) Chloromethane	1.307	50	68806	18.354	ug/l	95
4) Vinyl Chloride	1.374	62	64553	20.024	ug/l	99
5) Bromomethane	1.599	94	44703	27.483	ug/l	99
6) Chloroethane	1.685	64	42091	22.676	ug/l	94
7) Trichlorofluoromethane	1.886	101	102401	21.140	ug/l	98
8) Diethyl Ether	2.130	74	38374	21.701	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	52192	18.488	ug/l	98
10) Methyl Iodide	2.453	142	67723	18.272	ug/l	98
11) Tert butyl alcohol	2.953	59	76680	99.664	ug/l	100
12) 1,1-Dichloroethene	2.319	96	52996	19.062	ug/l	97
13) Acrolein	2.233	56	51754	85.030	ug/l	99
14) Allyl chloride	2.666	41	105585	18.732	ug/l	98
15) Acrylonitrile	3.062	53	177635	106.879	ug/l	99
16) Acetone	2.374	43	159229	91.491	ug/l	97
17) Carbon Disulfide	2.514	76	127432	16.287	ug/l	99
18) Methyl Acetate	2.703	43	130449	22.939	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	205089	20.603	ug/l	98
20) Methylene Chloride	2.788	84	65147	19.287	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	58128	19.687	ug/l	97
22) Diisopropyl ether	3.757	45	220880	20.553	ug/l	99
23) Vinyl Acetate	3.721	43	824828	100.848	ug/l	100
24) 1,1-Dichloroethane	3.611	63	114101	19.751	ug/l	96
25) 2-Butanone	4.556	43	256065	102.828	ug/l	98
26) 2,2-Dichloropropane	4.477	77	87140	17.353	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	68655	19.316	ug/l	98
28) Bromochloromethane	4.891	49	61517	22.902	ug/l	99
29) Tetrahydrofuran	5.001	42	165017	107.390	ug/l	100
30) Chloroform	5.099	83	115196	20.343	ug/l	99
31) Cyclohexane	5.471	56	96783	18.678	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	95411	19.033	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82031	18.472	ug/l	99
37) Ethyl Acetate	4.709	43	98455	20.294	ug/l	98
38) Carbon Tetrachloride	5.678	117	78175	17.695	ug/l	98
39) Methylcyclohexane	7.379	83	94669	17.813	ug/l	95
40) Benzene	6.038	78	250494	19.282	ug/l	99

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41) Methacrylonitrile	4.922	41	53947	20.290	ug/l	99
42) 1,2-Dichloroethane	6.086	62	100410	21.030	ug/l	99
43) Isopropyl Acetate	6.342	43	164268	19.987	ug/l	100
44) Trichloroethene	7.123	130	61862	18.327	ug/l	100
45) 1,2-Dichloropropane	7.428	63	67216	19.816	ug/l	99
46) Dibromomethane	7.580	93	45966	19.932	ug/l	99
47) Bromodichloromethane	7.824	83	84346	18.898	ug/l	98
48) Methyl methacrylate	7.690	41	78772	19.928	ug/l	97
49) 1,4-Dioxane	7.659	88	37097	446.823	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	503127	105.526	ug/l	100
52) Toluene	8.720	92	154133	19.164	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	91446	18.187	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	100999	18.566	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	64766	20.290	ug/l	98
56) Ethyl methacrylate	9.116	69	105865	20.200	ug/l	98
57) 1,3-Dichloropropane	9.311	76	116249	20.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241999	89.599	ug/l	100
59) 2-Hexanone	9.427	43	383852	104.150	ug/l	99
60) Dibromochloromethane	9.519	129	61165	18.271	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68662	19.934	ug/l	100
64) Tetrachloroethene	9.275	164	50283	18.235	ug/l	96
65) Chlorobenzene	10.079	112	173536	19.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	62067	18.921	ug/l	99
67) Ethyl Benzene	10.195	91	309884	19.219	ug/l	98
68) m/p-Xylenes	10.299	106	235713	38.055	ug/l	98
69) o-Xylene	10.640	106	113746	18.299	ug/l	100
70) Styrene	10.653	104	184088	18.356	ug/l	100
71) Bromoform	10.799	173	40894	16.195	ug/l #	98
73) Isopropylbenzene	10.964	105	287627	18.432	ug/l	100
74) N-amyl acetate	10.842	43	143479	19.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	103983	19.969	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86627m	18.686	ug/l	
77) Bromobenzene	11.195	156	70900	18.938	ug/l	98
78) n-propylbenzene	11.305	91	336814	18.690	ug/l	98
79) 2-Chlorotoluene	11.366	91	207538	18.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	244061	18.647	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25016	14.598	ug/l	86
82) 4-Chlorotoluene	11.451	91	237740	18.544	ug/l	99
83) tert-Butylbenzene	11.713	119	234687	17.784	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	245798	18.375	ug/l	99
85) sec-Butylbenzene	11.890	105	289002	17.914	ug/l	100
86) p-Isopropyltoluene	12.006	119	258912	19.095	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	137345	18.723	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	141033	19.014	ug/l	99
89) n-Butylbenzene	12.329	91	232407	19.281	ug/l	98
90) Hexachloroethane	12.536	117	43083	17.172	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	147788	20.847	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25526	21.576	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	91599	20.662	ug/l	99
94) Hexachlorobutadiene	13.725	225	36100	20.213	ug/l	99
95) Naphthalene	13.774	128	338129	22.745	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	92072	21.247	ug/l	100

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

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