

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034644.D
 Acq On : 21 Mar 2023 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 01:59:16 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 :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	296068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	506070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234981	54.556	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.120%			
35) Dibromofluoromethane	5.385	113	168228	50.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	537171	43.066	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.140%#			
62) 4-Bromofluorobenzene	11.079	95	225398	44.737	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129493	46.916	ug/l	98
3) Chloromethane	1.301	50	180898	43.085	ug/l	99
4) Vinyl Chloride	1.374	62	166146	44.208	ug/l	99
5) Bromomethane	1.599	94	99861	52.663	ug/l	97
6) Chloroethane	1.679	64	108944	50.347	ug/l	99
7) Trichlorofluoromethane	1.886	101	269810	47.779	ug/l	99
8) Diethyl Ether	2.130	74	104694	50.786	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	142818	43.396	ug/l	100
10) Methyl Iodide	2.453	142	202949	46.970	ug/l	98
11) Tert butyl alcohol	2.953	59	164608	183.522	ug/l	100
12) 1,1-Dichloroethene	2.319	96	138614	42.767	ug/l	97
13) Acrolein	2.233	56	175317	247.076	ug/l	100
14) Allyl chloride	2.660	41	276487	42.077	ug/l	98
15) Acrylonitrile	3.056	53	428538	221.175	ug/l	99
16) Acetone	2.374	43	429026	211.457	ug/l	99
17) Carbon Disulfide	2.508	76	361520	39.635	ug/l	99
18) Methyl Acetate	2.697	43	307126	46.328	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	515887	44.454	ug/l	100
20) Methylene Chloride	2.788	84	165768	42.098	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	153204	44.509	ug/l	98
22) Diisopropyl ether	3.757	45	561715	44.836	ug/l	90
23) Vinyl Acetate	3.715	43	2113446	221.655	ug/l	99
24) 1,1-Dichloroethane	3.605	63	296922	44.089	ug/l	100
25) 2-Butanone	4.544	43	626376	215.763	ug/l	98
26) 2,2-Dichloropropane	4.471	77	246670	42.137	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	182230	43.978	ug/l	100
28) Bromochloromethane	4.891	49	144005	45.988	ug/l	100
29) Tetrahydrofuran	4.995	42	391699	218.659	ug/l	100
30) Chloroform	5.086	83	302758	45.862	ug/l	99
31) Cyclohexane	5.464	56	287770	47.639	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	307425	52.604	ug/l	100
36) 1,1-Dichloropropene	5.684	75	253150	49.327	ug/l	98
37) Ethyl Acetate	4.708	43	237452	42.352	ug/l	98
38) Carbon Tetrachloride	5.672	117	265502	52.004	ug/l	97
39) Methylcyclohexane	7.379	83	279178	45.457	ug/l	96
40) Benzene	6.031	78	723179	48.170	ug/l	99

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41) Methacrylonitrile	4.916	41	136172	44.318	ug/l	99
42) 1,2-Dichloroethane	6.080	62	309170	56.033	ug/l	97
43) Isopropyl Acetate	6.336	43	463480	48.798	ug/l	100
44) Trichloroethene	7.123	130	185123	47.458	ug/l	93
45) 1,2-Dichloropropane	7.428	63	182808	46.634	ug/l	100
46) Dibromomethane	7.580	93	120311	45.144	ug/l	100
47) Bromodichloromethane	7.818	83	231527	44.888	ug/l	99
48) Methyl methacrylate	7.690	41	205261	44.934	ug/l	98
49) 1,4-Dioxane	7.653	88	80053	834.356	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1229741	223.189	ug/l	99
52) Toluene	8.714	92	417526	44.921	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	265891	45.758	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	282804	44.984	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	168969	45.806	ug/l	98
56) Ethyl methacrylate	9.116	69	276281	45.617	ug/l	98
57) 1,3-Dichloropropane	9.305	76	295235	45.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	639950	205.028	ug/l	100
59) 2-Hexanone	9.427	43	980077	230.108	ug/l	98
60) Dibromochloromethane	9.519	129	180133	46.561	ug/l	100
61) 1,2-Dibromoethane	9.610	107	181265	45.537	ug/l	99
64) Tetrachloroethene	9.269	164	138576	48.692	ug/l	97
65) Chlorobenzene	10.079	112	446568	48.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	164729	48.656	ug/l	100
67) Ethyl Benzene	10.189	91	822720	49.438	ug/l	97
68) m/p-Xylenes	10.299	106	626148	97.948	ug/l	99
69) o-Xylene	10.640	106	310757	48.440	ug/l	98
70) Styrene	10.653	104	523962	50.622	ug/l	99
71) Bromoform	10.799	173	125246	48.059	ug/l #	100
73) Isopropylbenzene	10.963	105	799345	47.125	ug/l	100
74) N-amyl acetate	10.842	43	390662	48.085	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	271573	47.979	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	225534m	44.755	ug/l	
77) Bromobenzene	11.195	156	196395	48.259	ug/l	99
78) n-propylbenzene	11.305	91	946984	48.341	ug/l	99
79) 2-Chlorotoluene	11.366	91	583866	48.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	687541	48.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	81085	43.530	ug/l	93
82) 4-Chlorotoluene	11.451	91	685802	49.212	ug/l	100
83) tert-Butylbenzene	11.713	119	662907	46.212	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	705388	48.512	ug/l	99
85) sec-Butylbenzene	11.890	105	813023	46.360	ug/l	99
86) p-Isopropyltoluene	12.006	119	684887	46.468	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	376745	47.248	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	381998	47.378	ug/l	100
89) n-Butylbenzene	12.329	91	664295	50.699	ug/l	99
90) Hexachloroethane	12.536	117	129474	47.474	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	402742	52.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	68114	52.966	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	242175	50.255	ug/l	99
94) Hexachlorobutadiene	13.725	225	96698	49.809	ug/l	98
95) Naphthalene	13.774	128	861299	53.300	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	246945	52.424	ug/l	99

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

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