

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040211.D
 Acq On : 12 Feb 2024 19:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 13 00:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/13/2024
 Supervised By :Mahesh Dadoda 02/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55079	43.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.160%		
35) Dibromofluoromethane	5.385	113	44131	43.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.100%		
50) Toluene-d8	8.647	98	165748	43.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.460%#		
62) 4-Bromofluorobenzene	11.079	95	67681	43.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47047	49.028	ug/l	97
3) Chloromethane	1.294	50	46217	46.706	ug/l	99
4) Vinyl Chloride	1.374	62	50507	48.299	ug/l	98
5) Bromomethane	1.599	94	32533	55.131	ug/l	99
6) Chloroethane	1.678	64	30533	46.297	ug/l	100
7) Trichlorofluoromethane	1.886	101	79374	47.265	ug/l	99
8) Diethyl Ether	2.136	74	28268	44.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	41833	46.440	ug/l	96
10) Methyl Iodide	2.453	142	49285	49.281	ug/l	92
11) Tert butyl alcohol	2.965	59	55104	223.843	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	40247	46.404	ug/l	85
13) Acrolein	2.233	56	57377	252.518	ug/l	99
14) Allyl chloride	2.660	41	69070	45.889	ug/l	97
15) Acrylonitrile	3.062	53	130649	237.196	ug/l	98
16) Acetone	2.379	43	104123	200.599	ug/l	92
17) Carbon Disulfide	2.507	76	101745	44.435	ug/l	99
18) Methyl Acetate	2.703	43	56327	40.480	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	146976	48.101	ug/l	98
20) Methylene Chloride	2.788	84	47801	49.095	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	44268	44.815	ug/l	92
22) Diisopropyl ether	3.763	45	147662	48.374	ug/l	91
23) Vinyl Acetate	3.721	43	676072	248.447	ug/l	98
24) 1,1-Dichloroethane	3.611	63	82224	46.242	ug/l	99
25) 2-Butanone	4.556	43	180394	222.334	ug/l	98
26) 2,2-Dichloropropane	4.477	77	60110	43.915	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	53114	47.135	ug/l	92
28) Bromochloromethane	4.897	49	38402	50.868	ug/l	91
29) Tetrahydrofuran	5.001	42	122719	232.159	ug/l	95
30) Chloroform	5.092	83	90355	47.000	ug/l	100
31) Cyclohexane	5.470	56	69483	46.093	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	76103	47.056	ug/l	99
36) 1,1-Dichloropropene	5.690	75	64620	45.523	ug/l	98
37) Ethyl Acetate	4.714	43	72637	45.988	ug/l	98
38) Carbon Tetrachloride	5.678	117	62777	46.513	ug/l	99
39) Methylcyclohexane	7.385	83	72846	44.158	ug/l	92
40) Benzene	6.037	78	184590	46.501	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39177	46.789	ug/l	91
42) 1,2-Dichloroethane	6.086	62	72525	46.742	ug/l	98
43) Isopropyl Acetate	6.342	43	117132	47.506	ug/l	99
44) Trichloroethene	7.129	130	49538	45.241	ug/l	98
45) 1,2-Dichloropropane	7.427	63	49127	47.548	ug/l	97
46) Dibromomethane	7.580	93	36224	47.604	ug/l	96
47) Bromodichloromethane	7.824	83	70629	48.171	ug/l	99
48) Methyl methacrylate	7.696	41	59181	46.909	ug/l	91
49) 1,4-Dioxane	7.659	88	23965	873.163	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	396229	235.375	ug/l	99
52) Toluene	8.720	92	120672	46.410	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	74410	42.844	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	79365	48.298	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	51683	46.604	ug/l	95
56) Ethyl methacrylate	9.116	69	81910	49.337	ug/l	96
57) 1,3-Dichloropropane	9.305	76	84629	46.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	195739	249.231	ug/l	98
59) 2-Hexanone	9.427	43	309252	231.705	ug/l	99
60) Dibromochloromethane	9.518	129	54730	48.440	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57131	48.466	ug/l	99
64) Tetrachloroethene	9.275	164	44645	45.902	ug/l	97
65) Chlorobenzene	10.079	112	133002	45.916	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	49223	49.065	ug/l	100
67) Ethyl Benzene	10.195	91	244834	47.458	ug/l	99
68) m/p-Xylenes	10.299	106	184546	94.717	ug/l	97
69) o-Xylene	10.640	106	92010	48.596	ug/l	98
70) Styrene	10.652	104	153652	48.811	ug/l	98
71) Bromoform	10.799	173	40803	43.541	ug/l #	100
73) Isopropylbenzene	10.963	105	246957	45.921	ug/l	100
74) N-amyl acetate	10.841	43	114965	49.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	88220	45.659	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72727m	47.035	ug/l	
77) Bromobenzene	11.195	156	58710	46.221	ug/l	95
78) n-propylbenzene	11.305	91	296767	45.580	ug/l	99
79) 2-Chlorotoluene	11.366	91	175698	44.688	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	214765	47.435	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22463	41.449	ug/l	96
82) 4-Chlorotoluene	11.451	91	207582	44.561	ug/l	100
83) tert-Butylbenzene	11.713	119	203673	45.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	212413	46.373	ug/l	99
85) sec-Butylbenzene	11.890	105	262571	46.028	ug/l	100
86) p-Isopropyltoluene	12.006	119	216036	46.199	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115075	45.724	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	116430	43.688	ug/l	99
89) n-Butylbenzene	12.335	91	202674	44.900	ug/l	97
90) Hexachloroethane	12.536	117	35118	47.611	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	112134	46.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21515	48.246	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	73710	44.191	ug/l	98
94) Hexachlorobutadiene	13.725	225	27321	41.041	ug/l	96
95) Naphthalene	13.774	128	243553	46.232	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72519	45.612	ug/l	97

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

