Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035354.D
Acq On : 27 Apr 2023 20:13
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 28 05:11:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	227540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133159	48.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.020%			
35) Dibromofluoromethane	5.385	113	109986	49.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	406317	48.236	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.480%			
62) 4-Bromofluorobenzene	11.079	95	156162	49.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	135364	56.223	ug/l	100
3) Chloromethane	1.294	50	107702	49.174	ug/l	97
4) Vinyl Chloride	1.373	62	113116	51.492	ug/l	99
5) Bromomethane	1.617	94	62991	43.143	ug/l	93
6) Chloroethane	1.690	64	65905	51.297	ug/l	98
7) Trichlorofluoromethane	1.886	101	188022	54.733	ug/l	98
8) Diethyl Ether	2.136	74	64456	51.461	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	122086	53.210	ug/l	95
10) Methyl Iodide	2.453	142	131549	45.428	ug/l	97
11) Tert butyl alcohol	3.013	59	135127	270.344	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	118031	53.408	ug/l	97
13) Acrolein	2.239	56	112937	229.756	ug/l	99
14) Allyl chloride	2.666	41	201525	51.817	ug/l	98
15) Acrylonitrile	3.068	53	332243	265.765	ug/l	99
16) Acetone	2.392	43	282873	237.258	ug/l	98
17) Carbon Disulfide	2.514	76	274661	51.844	ug/l	99
18) Methyl Acetate	2.709	43	246006	53.359	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	413366	54.521	ug/l	96
20) Methylene Chloride	2.788	84	132970	48.640	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	127699	53.203	ug/l	94
22) Diisopropyl ether	3.757	45	411064	53.412	ug/l	96
23) Vinyl Acetate	3.721	43	1458054	275.621	ug/l	99
24) 1,1-Dichloroethane	3.611	63	233219	53.799	ug/l	99
25) 2-Butanone	4.562	43	445071	255.756	ug/l	95
26) 2,2-Dichloropropane	4.477	77	173496	51.085	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	150678	53.406	ug/l	94
28) Bromochloromethane	4.897	49	103834	56.206	ug/l	84
29) Tetrahydrofuran	5.013	42	288988	259.051	ug/l	95
30) Chloroform	5.098	83	240407	54.935	ug/l	99
31) Cyclohexane	5.470	56	207436	53.269	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	213923	55.778	ug/l	96
36) 1,1-Dichloropropene	5.690	75	178483	51.190	ug/l	97
37) Ethyl Acetate	4.714	43	172786	54.258	ug/l	97
38) Carbon Tetrachloride	5.678	117	185434	56.023	ug/l	99
39) Methylcyclohexane	7.385	83	217644	51.281	ug/l	99
40) Benzene	6.037	78	522704	52.259	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	93410m	51.191 ug/l	
42) 1,2-Dichloroethane	6.086	62	189777	53.215 ug/l	98
43) Isopropyl Acetate	6.342	43	285072	53.275 ug/l	95
44) Trichloroethene	7.129	130	144443	52.422 ug/l	96
45) 1,2-Dichloropropane	7.427	63	133647	53.000 ug/l	100
46) Dibromomethane	7.580	93	92611	53.481 ug/l	93
47) Bromodichloromethane	7.824	83	178762	56.030 ug/l	99
48) Methyl methacrylate	7.689	41	144341	54.991 ug/l	93
49) 1,4-Dioxane	7.714	88	67654	1057.417 ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	874061	265.878 ug/l	96
52) Toluene	8.720	92	338373	53.371 ug/l	97
53) t-1,3-Dichloropropene	8.976	75	190488	57.170 ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	210879	55.994 ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	133283	52.734 ug/l	98
56) Ethyl methacrylate	9.116	69	210093	55.801 ug/l	90
57) 1,3-Dichloropropane	9.311	76	228803	52.927 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	548443	291.323 ug/l	95
59) 2-Hexanone	9.433	43	652551	264.223 ug/l	94
60) Dibromochloromethane	9.524	129	140381	57.971 ug/l	98
61) 1,2-Dibromoethane	9.610	107	142161	54.561 ug/l	100
64) Tetrachloroethene	9.274	164	126453	50.898 ug/l	99
65) Chlorobenzene	10.079	112	360432	51.342 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	134273	54.958 ug/l	98
67) Ethyl Benzene	10.195	91	642620	52.858 ug/l	100
68) m/p-Xylenes	10.299	106	494841	106.224 ug/l	98
69) o-Xylene	10.640	106	243227	53.245 ug/l	99
70) Styrene	10.652	104	402856	54.391 ug/l	99
71) Bromoform	10.799	173	97113	57.145 ug/l	98
73) Isopropylbenzene	10.963	105	636180	53.901 ug/l	100
74) N-amyl acetate	10.841	43	245691	55.392 ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	197522	53.918 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	158592m	49.240 ug/l	
77) Bromobenzene	11.195	156	157256	53.600 ug/l	91
78) n-propylbenzene	11.305	91	723114	53.346 ug/l	99
79) 2-Chlorotoluene	11.366	91	441944	52.175 ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	543944	54.657 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	51692	51.981 ug/l	98
82) 4-Chlorotoluene	11.457	91	504600	53.040 ug/l	98
83) tert-Butylbenzene	11.713	119	544060	54.485 ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	539415	53.944 ug/l	100
85) sec-Butylbenzene	11.890	105	640643	52.305 ug/l	99
86) p-Isopropyltoluene	12.012	119	557359	53.504 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	294787	52.871 ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	294607	50.396 ug/l	99
89) n-Butylbenzene	12.335	91	451147	51.302 ug/l	98
90) Hexachloroethane	12.536	117	87556	54.906 ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	291878	52.341 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42864	58.352 ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	187010	53.352 ug/l	98
94) Hexachlorobutadiene	13.725	225	75530	49.097 ug/l	97
95) Naphthalene	13.774	128	614999	56.992 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	184061	52.163 ug/l	99

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

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

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