Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
Data File : VX030964.D
Acq On : 31 Aug 2022 01:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 31 03:20:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	191212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126312	46.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.120%		
35) Dibromofluoromethane	5.397	113	114935	46.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.720%		
50) Toluene-d8	8.653	98	421914	46.445	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.085	95	152073	47.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98353	48.620	ug/l	95
3) Chloromethane	1.288	50	90831	44.551	ug/l	95
4) Vinyl Chloride	1.374	62	106639	44.274	ug/l	96
5) Bromomethane	1.605	94	34001	45.267	ug/l	99
6) Chloroethane	1.678	64	62418	43.100	ug/l	98
7) Trichlorofluoromethane	1.886	101	164830	44.995	ug/l	95
8) Diethyl Ether	2.136	74	61499	43.500	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	107399	45.589	ug/l	97
10) Methyl Iodide	2.453	142	116392	52.929	ug/l	94
11) Tert butyl alcohol	2.983	59	153842	236.767	ug/l	99
12) 1,1-Dichloroethene	2.319	96	108862	46.846	ug/l	95
13) Acrolein	2.239	56	82762	250.883	ug/l	99
14) Allyl chloride	2.660	41	169292	44.903	ug/l	96
15) Acrylonitrile	3.068	53	341904	238.294	ug/l	98
16) Acetone	2.386	43	275378	222.476	ug/l	99
17) Carbon Disulfide	2.508	76	271583	44.282	ug/l	98
18) Methyl Acetate	2.709	43	168452	46.391	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	360160	47.584	ug/l	92
20) Methylene Chloride	2.788	84	126557	44.970	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	117318	46.560	ug/l	96
22) Diisopropyl ether	3.770	45	358665	46.169	ug/l #	85
23) Vinyl Acetate	3.727	43	1469281	235.751	ug/l	98
24) 1,1-Dichloroethane	3.611	63	211022	46.384	ug/l	99
25) 2-Butanone	4.574	43	467265	233.192	ug/l	98
26) 2,2-Dichloropropane	4.477	77	96608	28.179	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	138050	47.544	ug/l	96
28) Bromochloromethane	4.904	49	66569	45.235	ug/l	87
29) Tetrahydrofuran	5.013	42	297528	229.526	ug/l	90
30) Chloroform	5.105	83	225134	47.703	ug/l	97
31) Cyclohexane	5.477	56	183898	45.305	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	191170	47.783	ug/l	97
36) 1,1-Dichloropropene	5.696	75	158486	43.471	ug/l	99
37) Ethyl Acetate	4.715	43	180612	47.122	ug/l	99
38) Carbon Tetrachloride	5.684	117	161115	46.419	ug/l	98
39) Methylcyclohexane	7.391	83	205888	46.170	ug/l	92
40) Benzene	6.044	78	503267	47.895	ug/l	99

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41) Methacrylonitrile	4.928	41	97220	46.700	ug/l		95
42) 1,2-Dichloroethane	6.092	62	163237	46.766	ug/l		100
43) Isopropyl Acetate	6.348	43	275219	46.274	ug/l		98
44) Trichloroethene	7.129	130	142083	45.899	ug/l		87
45) 1,2-Dichloropropane	7.440	63	128640	45.864	ug/l		99
46) Dibromomethane	7.586	93	89549	46.752	ug/l		94
47) Bromodichloromethane	7.824	83	174145	47.293	ug/l		100
48) Methyl methacrylate	7.696	41	144795	48.637	ug/l		94
49) 1,4-Dioxane	7.677	88	73559	940.186	ug/l		98
51) 4-Methyl-2-Pentanone	8.580	43	855950	218.045	ug/l		94
52) Toluene	8.720	92	300929	46.870	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	167830	45.170	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	186607	43.901	ug/l	#	90
55) 1,1,2-Trichloroethane	9.153	97	134392	48.256	ug/l		96
56) Ethyl methacrylate	9.116	69	202848	49.733	ug/l	#	91
57) 1,3-Dichloropropane	9.311	76	216462	47.127	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	510075	248.990	ug/l		99
59) 2-Hexanone	9.433	43	688247	235.773	ug/l		91
60) Dibromochloromethane	9.525	129	137102	49.534	ug/l		98
61) 1,2-Dibromoethane	9.610	107	148983	51.814	ug/l		93
64) Tetrachloroethene	9.281	164	137527	48.251	ug/l		97
65) Chlorobenzene	10.086	112	331233	46.486	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	121231	48.019	ug/l		98
67) Ethyl Benzene	10.195	91	588653	46.574	ug/l		98
68) m/p-Xylenes	10.305	106	459614	96.005	ug/l		100
69) o-Xylene	10.646	106	224218	47.854	ug/l		94
70) Styrene	10.659	104	377856	47.771	ug/l		99
71) Bromoform	10.805	173	100181	50.570	ug/l		99
73) Isopropylbenzene	10.963	105	605886	47.261	ug/l		98
74) N-amyl acetate	10.848	43	232840	46.979	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	195261	44.458	ug/l		100
76) 1,2,3-Trichloropropane	11.244	75	180104m	45.147	ug/l		
77) Bromobenzene	11.201	156	142573	45.893	ug/l		99
78) n-propylbenzene	11.305	91	704955	46.921	ug/l		100
79) 2-Chlorotoluene	11.366	91	410040	43.941	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	512547	47.448	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.024	75	54662	40.738	ug/l		93
82) 4-Chlorotoluene	11.457	91	465400	44.613	ug/l		99
83) tert-Butylbenzene	11.719	119	500053	47.156	ug/l		100
84) 1,2,4-Trimethylbenzene	11.756	105	522094	47.211	ug/l		98
85) sec-Butylbenzene	11.896	105	660723	48.006	ug/l		99
86) p-Isopropyltoluene	12.012	119	540729	47.357	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	285711	46.645	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	288300	45.905	ug/l		98
89) n-Butylbenzene	12.335	91	482666	45.165	ug/l		97
90) Hexachloroethane	12.542	117	99173	49.470	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	288205	46.386	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51143	46.681	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	180704	45.497	ug/l		100
94) Hexachlorobutadiene	13.725	225	71541	42.416	ug/l		99
95) Naphthalene	13.780	128	689984	48.574	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	194165	48.418	ug/l		99

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

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