Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
Data File : VX027769.D
Acq On : 28 Mar 2022 23:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 29 05:43:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

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03/29/2022

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03/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	62663	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	6.763	114	104624	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	92709	50.000	ug/l	#	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40769	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	53140	51.705	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.400%				
35) Dibromofluoromethane	5.391	113	36142	52.604	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.200%				
50) Toluene-d8	8.653	98	134136	50.505	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.000%				
62) 4-Bromofluorobenzene	11.079	95	56217	52.164	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.320%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	38700	53.243	ug/l		100
3) Chloromethane	1.294	50	34941	46.393	ug/l		98
4) Vinyl Chloride	1.374	62	34393	47.542	ug/l		100
5) Bromomethane	1.599	94	13814	47.562	ug/l		97
6) Chloroethane	1.679	64	21135	45.526	ug/l		100
7) Trichlorofluoromethane	1.886	101	52847	49.489	ug/l		97
8) Diethyl Ether	2.136	74	19948	51.761	ug/l		83
9) 1,1,2-Trichlorotrifluo...	2.325	101	33669	47.147	ug/l		92
10) Methyl Iodide	2.453	142	40129	53.396	ug/l	#	87
11) Tert butyl alcohol	2.965	59	43786	228.817	ug/l		100
12) 1,1-Dichloroethene	2.319	96	30750	46.197	ug/l		83
13) Acrolein	2.239	56	38339	286.231	ug/l		98
14) Allyl chloride	2.660	41	64104	50.909	ug/l	#	89
15) Acrylonitrile	3.062	53	110981	236.821	ug/l		98
16) Acetone	2.380	43	109211	251.256	ug/l	#	88
17) Carbon Disulfide	2.508	76	64117	35.905	ug/l		99
18) Methyl Acetate	2.703	43	53206	47.865	ug/l	#	88
19) Methyl tert-butyl Ether	3.117	73	126389	51.723	ug/l		100
20) Methylene Chloride	2.788	84	37552	48.424	ug/l	#	81
21) trans-1,2-Dichloroethene	3.087	96	32498	43.895	ug/l		85
22) Diisopropyl ether	3.764	45	119740	47.726	ug/l		88
23) Vinyl Acetate	3.721	43	526856	240.145	ug/l	#	92
24) 1,1-Dichloroethane	3.611	63	72023	50.663	ug/l		96
25) 2-Butanone	4.562	43	173022	247.864	ug/l	#	87
26) 2,2-Dichloropropane	4.477	77	53390	49.113	ug/l		96
27) cis-1,2-Dichloroethene	4.495	96	40897	49.593	ug/l		87
28) Bromochloromethane	4.904	49	30153	53.174	ug/l	#	79
29) Tetrahydrofuran	5.007	42	109369	308.515	ug/l	#	85
30) Chloroform	5.099	83	76532	53.723	ug/l		100
31) Cyclohexane	5.477	56	57670	46.276	ug/l		87
32) 1,1,1-Trichloroethane	5.385	97	61591	48.646	ug/l		98
36) 1,1-Dichloropropene	5.696	75	53523	49.321	ug/l		95
37) Ethyl Acetate	4.715	43	64278	50.888	ug/l		95
38) Carbon Tetrachloride	5.684	117	54772	51.648	ug/l		98
39) Methylcyclohexane	7.379	83	58162	46.592	ug/l	#	83
40) Benzene	6.038	78	152117	50.744	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	37887	57.262	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	67068	52.628	ug/l		94
43) Isopropyl Acetate	6.342	43	98790	51.785	ug/l		93
44) Trichloroethene	7.129	130	36522	47.087	ug/l		88
45) 1,2-Dichloropropane	7.434	63	42664	54.229	ug/l		93
46) Dibromomethane	7.580	93	30660	54.459	ug/l	#	83
47) Bromodichloromethane	7.824	83	59858	54.290	ug/l		97
48) Methyl methacrylate	7.696	41	56912	62.527	ug/l	#	76
49) 1,4-Dioxane	7.659	88	19552	971.524	ug/l	#	84
51) 4-Methyl-2-Pentanone	8.574	43	365836	279.350	ug/l	#	86
52) Toluene	8.720	92	93151	49.705	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	63126	51.598	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	67106	55.209	ug/l	#	76
55) 1,1,2-Trichloroethane	9.153	97	40237	52.848	ug/l		89
56) Ethyl methacrylate	9.116	69	70271	56.467	ug/l	#	69
57) 1,3-Dichloropropane	9.311	76	71308	51.918	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	183281	287.665	ug/l	#	89
59) 2-Hexanone	9.433	43	277326	270.986	ug/l		81
60) Dibromochloromethane	9.525	129	38462	52.221	ug/l		95
61) 1,2-Dibromoethane	9.610	107	40350	49.628	ug/l		99
64) Tetrachloroethene	9.275	164	33143	55.116	ug/l		93
65) Chlorobenzene	10.079	112	95891	49.094	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	35596	53.026	ug/l		98
67) Ethyl Benzene	10.195	91	189310	52.037	ug/l		99
68) m/p-Xylenes	10.305	106	134187	101.764	ug/l		85
69) o-Xylene	10.646	106	66299	50.036	ug/l		83
70) Styrene	10.659	104	112533	53.424	ug/l	#	90
71) Bromoform	10.805	173	25032	51.468	ug/l	#	100
73) Isopropylbenzene	10.963	105	180274	53.836	ug/l		96
74) N-amyl acetate	10.842	43	94509	58.805	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	63685	53.975	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	61919m	54.549	ug/l		
77) Bromobenzene	11.201	156	39187	52.967	ug/l		73
78) n-propylbenzene	11.305	91	217781	54.815	ug/l		96
79) 2-Chlorotoluene	11.366	91	135478	54.089	ug/l		90
80) 1,3,5-Trimethylbenzene	11.451	105	155483	54.023	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.018	75	17829	53.464	ug/l	#	70
82) 4-Chlorotoluene	11.457	91	157585	54.692	ug/l		92
83) tert-Butylbenzene	11.719	119	141421	53.487	ug/l		80
84) 1,2,4-Trimethylbenzene	11.756	105	158143	54.135	ug/l		92
85) sec-Butylbenzene	11.890	105	186424	53.824	ug/l		95
86) p-Isopropyltoluene	12.012	119	149569	54.869	ug/l		90
87) 1,3-Dichlorobenzene	11.969	146	73370	53.042	ug/l		95
88) 1,4-Dichlorobenzene	12.043	146	72730	50.757	ug/l		94
89) n-Butylbenzene	12.335	91	142316	55.148	ug/l		94
90) Hexachloroethane	12.542	117	22528	51.786	ug/l		88
91) 1,2-Dichlorobenzene	12.335	146	69914	52.124	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14278	49.372	ug/l		76
93) 1,2,4-Trichlorobenzene	13.591	180	49379	62.462	ug/l		97
94) Hexachlorobutadiene	13.725	225	21938	56.987	ug/l		94
95) Naphthalene	13.774	128	179611	61.864	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	49124	62.163	ug/l		94

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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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