Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
Data File : VX027483.D
Acq On : 17 Mar 2022 12:36
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 17 14:54:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 14:46:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	321162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	511915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	20143	5.378	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 10.760%#			
35) Dibromofluoromethane	5.385	113	16231	4.914	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 9.820%#			
50) Toluene-d8	8.653	98	60168	4.825	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 9.640%#			
62) 4-Bromofluorobenzene	11.085	95	22936	4.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 9.660%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	14550	4.420	ug/l	96
3) Chloromethane	1.294	50	13726	3.965	ug/l	99
4) Vinyl Chloride	1.373	62	15532	4.365	ug/l	100
5) Bromomethane	1.593	94	9123	5.842	ug/l	91
6) Chloroethane	1.678	64	10134	4.558	ug/l	93
7) Trichlorofluoromethane	1.879	101	26771	5.403	ug/l	95
8) Diethyl Ether	2.136	74	10420	5.397	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	15675	4.839	ug/l	94
10) Methyl Iodide	2.453	142	18695	4.089	ug/l	95
11) Tert butyl alcohol	2.965	59	18350	24.993	ug/l	99
12) 1,1-Dichloroethene	2.312	96	14817	4.758	ug/l	94
13) Acrolein	2.233	56	15970	31.030	ug/l	99
14) Allyl chloride	2.660	41	23184	4.746	ug/l	92
15) Acrylonitrile	3.068	53	42498	21.994	ug/l	98
16) Acetone	2.379	43	41276	25.090	ug/l	90
17) Carbon Disulfide	2.507	76	35799	4.231	ug/l	99
18) Methyl Acetate	2.702	43	19084	4.635	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	50344	4.879	ug/l	100
20) Methylene Chloride	2.788	84	17367	4.747	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	15482	4.473	ug/l	95
22) Diisopropyl ether	3.763	45	45982	4.709	ug/l #	87
23) Vinyl Acetate	3.727	43	195224	23.899	ug/l	97
24) 1,1-Dichloroethane	3.605	63	28238	4.763	ug/l	98
25) 2-Butanone	4.562	43	60646	23.508	ug/l	96
26) 2,2-Dichloropropane	4.477	77	21919	5.156	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	18411	4.585	ug/l	98
28) Bromochloromethane	4.903	49	11221	4.548	ug/l	94
29) Tetrahydrofuran	5.013	42	37890	22.197	ug/l	94
30) Chloroform	5.098	83	31421	5.021	ug/l	96
31) Cyclohexane	5.464	56	24722	4.719	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	27480	5.138	ug/l	99
36) 1,1-Dichloropropene	5.696	75	22648	4.938	ug/l	99
37) Ethyl Acetate	4.714	43	22414	4.636	ug/l	98
38) Carbon Tetrachloride	5.678	117	25274	5.329	ug/l	96
39) Methylcyclohexane	7.378	83	28982	5.004	ug/l	97
40) Benzene	6.037	78	64391	4.610	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	12159	4.665	ug/l		93
42) 1,2-Dichloroethane	6.092	62	24988	5.476	ug/l		96
43) Isopropyl Acetate	6.348	43	35695	4.898	ug/l		95
44) Trichloroethene	7.129	130	21108	5.502	ug/l		98
45) 1,2-Dichloropropane	7.433	63	17218	4.919	ug/l		98
46) Dibromomethane	7.586	93	13356	5.364	ug/l		99
47) Bromodichloromethane	7.824	83	23779	5.171	ug/l	#	96
48) Methyl methacrylate	7.695	41	17292	4.772	ug/l		96
49) 1,4-Dioxane	7.665	88	9823	103.513	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	116742	23.928	ug/l		92
52) Toluene	8.720	92	42695	4.795	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	22329	4.732	ug/l		98
54) cis-1,3-Dichloropropene	8.372	75	24498	4.625	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	17360	4.671	ug/l		94
56) Ethyl methacrylate	9.116	69	25219	4.601	ug/l	#	87
57) 1,3-Dichloropropane	9.311	76	28085	4.682	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	62207	22.477	ug/l		99
59) 2-Hexanone	9.433	43	88796	23.561	ug/l		90
60) Dibromochloromethane	9.524	129	18351	4.838	ug/l		100
61) 1,2-Dibromoethane	9.610	107	18961	4.941	ug/l		99
64) Tetrachloroethene	9.274	164	18631	5.797	ug/l		90
65) Chlorobenzene	10.079	112	48070	4.982	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	17317	5.134	ug/l		97
67) Ethyl Benzene	10.195	91	83400	5.013	ug/l		99
68) m/p-Xylenes	10.305	106	65602	10.052	ug/l		100
69) o-Xylene	10.646	106	32140	4.988	ug/l		98
70) Styrene	10.658	104	51651	4.829	ug/l		98
71) Bromoform	10.805	173	13764	4.996	ug/l	#	97
73) Isopropylbenzene	10.963	105	83354	5.063	ug/l		100
74) N-amyl acetate	10.841	43	27674	4.599	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	26907	4.756	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	23792m	4.817	ug/l		
77) Bromobenzene	11.201	156	21157	5.092	ug/l		97
78) n-propylbenzene	11.305	91	91765	4.955	ug/l		98
79) 2-Chlorotoluene	11.366	91	59230	5.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	70695	5.008	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.024	75	6480	4.243	ug/l	#	78
82) 4-Chlorotoluene	11.457	91	66138	5.051	ug/l		99
83) tert-Butylbenzene	11.719	119	69401	4.919	ug/l		93
84) 1,2,4-Trimethylbenzene	11.756	105	72558	5.183	ug/l		98
85) sec-Butylbenzene	11.890	105	85501	5.024	ug/l		99
86) p-Isopropyltoluene	12.012	119	72639	5.042	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	38678	4.955	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	40130	5.078	ug/l		94
89) n-Butylbenzene	12.335	91	58692	4.863	ug/l		96
90) Hexachloroethane	12.542	117	10769	4.796	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	38624	5.019	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5742	4.844	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	22234	4.401	ug/l		97
94) Hexachlorobutadiene	13.725	225	10753	4.854	ug/l		96
95) Naphthalene	13.780	128	73347	4.325	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	23466	4.648	ug/l		95

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Instrument :
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ClientSampleId :
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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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