Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
Data File : VX030188.D
Acq On : 25 Jul 2022 12:34
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 25 16:11:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:09:28 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	154933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	17866	5.599	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.200%#			
35) Dibromofluoromethane	5.397	113	13641	5.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.680%#			
50) Toluene-d8	8.653	98	51122	5.210	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.420%#			
62) 4-Bromofluorobenzene	11.085	95	18257	5.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 10.080%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	11294	4.295	ug/l	92
3) Chloromethane	1.294	50	12753	5.072	ug/l	93
4) Vinyl Chloride	1.374	62	12620	4.973	ug/l	91
5) Bromomethane	1.599	94	5645	4.687	ug/l	91
6) Chloroethane	1.672	64	7090	4.920	ug/l	97
7) Trichlorofluoromethane	1.880	101	16930	5.094	ug/l	99
8) Diethyl Ether	2.142	74	6420	4.936	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	12193	4.953	ug/l	98
10) Methyl Iodide	2.453	142	8754	3.959	ug/l	96
11) Tert butyl alcohol	2.977	59	19782	26.263	ug/l	98
12) 1,1-Dichloroethene	2.319	96	12069	5.009	ug/l	96
13) Acrolein	2.239	56	7568	38.081	ug/l	96
14) Allyl chloride	2.660	41	24330	4.893	ug/l	99
15) Acrylonitrile	3.069	53	48579	25.875	ug/l	99
16) Acetone	2.386	43	40583	25.412	ug/l	91
17) Carbon Disulfide	2.508	76	31610	4.867	ug/l	98
18) Methyl Acetate	2.715	43	25171	5.382	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	40764	4.929	ug/l	98
20) Methylene Chloride	2.788	84	17977	4.882	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	13887	5.252	ug/l	89
22) Diisopropyl ether	3.770	45	46230	4.910	ug/l	97
23) Vinyl Acetate	3.727	43	196548	23.998	ug/l	98
24) 1,1-Dichloroethane	3.611	63	25553	5.111	ug/l	99
25) 2-Butanone	4.568	43	66487	24.850	ug/l	94
26) 2,2-Dichloropropane	4.483	77	17464	4.911	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	16029	5.123	ug/l	95
28) Bromochloromethane	4.904	49	10027	4.641	ug/l	95
29) Tetrahydrofuran	5.019	42	45015	25.061	ug/l	95
30) Chloroform	5.111	83	25352	5.130	ug/l	92
31) Cyclohexane	5.471	56	22329	4.966	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	20268	5.041	ug/l	99
36) 1,1-Dichloropropene	5.696	75	17672	4.905	ug/l	98
37) Ethyl Acetate	4.733	43	23911	4.721	ug/l	98
38) Carbon Tetrachloride	5.678	117	16623	4.951	ug/l	93
39) Methylcyclohexane	7.385	83	22188	4.860	ug/l	94
40) Benzene	6.044	78	57680	5.121	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SW846 8260
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/26/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	13881	5.088	ug/l		96
42) 1,2-Dichloroethane	6.092	62	19363	4.964	ug/l		97
43) Isopropyl Acetate	6.355	43	37444	5.032	ug/l		97
44) Trichloroethene	7.135	130	15628	5.071	ug/l		92
45) 1,2-Dichloropropane	7.440	63	15052	5.002	ug/l		92
46) Dibromomethane	7.586	93	9897	4.850	ug/l		98
47) Bromodichloromethane	7.824	83	17803	4.784	ug/l		91
48) Methyl methacrylate	7.702	41	17597	4.797	ug/l		95
49) 1,4-Dioxane	7.677	88	9095	107.934	ug/l	#	94
51) 4-Methyl-2-Pentanone	8.580	43	124016	24.491	ug/l		97
52) Toluene	8.720	92	34010	4.947	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	18246	4.576	ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	21016	4.819	ug/l		99
55) 1,1,2-Trichloroethane	9.159	97	14683	5.034	ug/l		96
56) Ethyl methacrylate	9.122	69	22897	4.947	ug/l		97
57) 1,3-Dichloropropane	9.311	76	24082	4.980	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	53688	22.717	ug/l		98
59) 2-Hexanone	9.433	43	97244	24.446	ug/l		95
60) Dibromochloromethane	9.525	129	12929	4.778	ug/l		99
61) 1,2-Dibromoethane	9.616	107	15416	5.050	ug/l		97
64) Tetrachloroethene	9.275	164	15130	5.163	ug/l		93
65) Chlorobenzene	10.079	112	37108	5.074	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	11879	4.751	ug/l		93
67) Ethyl Benzene	10.195	91	63928	4.457	ug/l		100
68) m/p-Xylenes	10.305	106	48727	9.857	ug/l		98
69) o-Xylene	10.646	106	24504	5.031	ug/l		94
70) Styrene	10.659	104	39276	4.913	ug/l		97
71) Bromoform	10.805	173	8878	4.845	ug/l	#	99
73) Isopropylbenzene	10.963	105	62036	5.151	ug/l		98
74) N-amyl acetate	10.848	43	28240	4.840	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23063	5.252	ug/l		97
76) 1,2,3-Trichloropropane	11.244	75	21067m	4.862	ug/l		
77) Bromobenzene	11.201	156	14716	5.207	ug/l		97
78) n-propylbenzene	11.305	91	72250	5.047	ug/l		98
79) 2-Chlorotoluene	11.366	91	44002	4.860	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	51366	5.112	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.024	75	6408	4.745	ug/l		86
82) 4-Chlorotoluene	11.457	91	50275	5.094	ug/l		97
83) tert-Butylbenzene	11.719	119	47605	5.103	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	50505	5.019	ug/l		98
85) sec-Butylbenzene	11.890	105	63402	4.952	ug/l		98
86) p-Isopropyltoluene	12.012	119	50275	4.913	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	27455	5.011	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	28713	5.214	ug/l		95
89) n-Butylbenzene	12.335	91	44884	4.722	ug/l		99
90) Hexachloroethane	12.542	117	8144	4.622	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	27811	5.164	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5362	4.989	ug/l		85
93) 1,2,4-Trichlorobenzene	13.591	180	15383	4.931	ug/l		95
94) Hexachlorobutadiene	13.731	225	6137	4.947	ug/l		98
95) Naphthalene	13.780	128	59481	4.840	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	16135	5.005	ug/l		98

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Instrument :
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ClientSampleId :
VSTDICC005

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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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