Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
Data File : VX034147.D
Acq On : 17 Feb 2023 09:29
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 12:12:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:12:46 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	492795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	822024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	698477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	314347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	3780	0.888	ug/l	95
3) Chloromethane	1.295	50	5965	0.973	ug/l	98
4) Vinyl Chloride	1.374	62	5498	0.985	ug/l	89
6) Chloroethane	1.691	64	2785	0.993	ug/l	99
7) Trichlorofluoromethane	1.892	101	8066	1.068	ug/l #	79
8) Diethyl Ether	2.130	74	3733	1.227	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	5734	1.078	ug/l	93
12) 1,1-Dichloroethene	2.319	96	5710	1.071	ug/l	92
14) Allyl chloride	2.666	41	12162	1.076	ug/l	88
15) Acrylonitrile	3.063	53	16548	5.110	ug/l	99
16) Acetone	2.380	43	21247	6.206	ug/l	95
17) Carbon Disulfide	2.508	76	16578	1.082	ug/l	99
18) Methyl Acetate	2.703	43	10374	0.979	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	19480	1.036	ug/l	94
20) Methylene Chloride	2.794	84	7344	1.191	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	5712	1.023	ug/l #	89
22) Diisopropyl ether	3.757	45	21399	1.080	ug/l #	81
23) Vinyl Acetate	3.721	43	86804	5.466	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11294	1.038	ug/l	96
25) 2-Butanone	4.562	43	27582	5.568	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	10955	1.111	ug/l	79
27) cis-1,2-Dichloroethene	4.489	96	6814	1.030	ug/l	92
28) Bromochloromethane	4.898	49	5063	1.043	ug/l	90
29) Tetrahydrofuran	5.007	42	16502	5.461	ug/l	98
30) Chloroform	5.087	83	11315	1.083	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	10065	1.075	ug/l #	50
36) 1,1-Dichloropropene	5.690	75	8299	1.048	ug/l	98
37) Ethyl Acetate	4.721	43	8713	0.985	ug/l #	90
38) Carbon Tetrachloride	5.672	117	8837	1.085	ug/l	92
39) Methylcyclohexane	7.373	83	10896	1.070	ug/l	93
40) Benzene	6.044	78	25369	1.082	ug/l	97
41) Methacrylonitrile	4.934	41	4724	0.958	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	8827	1.070	ug/l	100
43) Isopropyl Acetate	6.336	43	16187	1.037	ug/l	99
44) Trichloroethene	7.129	130	6134	1.019	ug/l	86
45) 1,2-Dichloropropane	7.434	63	6484	1.038	ug/l #	81

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Quant Title : SW846 8260
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.580	93	4247	1.033	ug/l		88
47) Bromodichloromethane	7.824	83	8998	1.067	ug/l	#	96
48) Methyl methacrylate	7.696	41	7596	1.025	ug/l		96
49) 1,4-Dioxane	7.671	88	3114	21.071	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.574	43	45355	5.281	ug/l		100
52) Toluene	8.720	92	15466	1.088	ug/l		93
53) t-1,3-Dichloropropene	8.982	75	9941	1.024	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	10777	1.037	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	5919	1.032	ug/l		96
56) Ethyl methacrylate	9.116	69	9939	1.024	ug/l		98
57) 1,3-Dichloropropane	9.305	76	10615	1.063	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.245	63	20892	4.969	ug/l		97
59) 2-Hexanone	9.433	43	33971	5.190	ug/l		99
60) Dibromochloromethane	9.519	129	6577	1.038	ug/l		97
61) 1,2-Dibromoethane	9.616	107	6433	1.060	ug/l		97
64) Tetrachloroethene	9.275	164	5462	1.108	ug/l		94
65) Chlorobenzene	10.080	112	15428	1.060	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	6030	1.070	ug/l	#	67
67) Ethyl Benzene	10.195	91	26893	1.028	ug/l		100
68) m/p-Xylenes	10.299	106	21297	2.128	ug/l		98
69) o-Xylene	10.640	106	10284	1.032	ug/l		94
70) Styrene	10.659	104	16129	0.995	ug/l		95
71) Bromoform	10.799	173	4543	0.987	ug/l	#	99
73) Isopropylbenzene	10.964	105	26332	1.099	ug/l		98
74) N-amyl acetate	10.842	43	12480	1.037	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	8855	1.081	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	7881m	0.811	ug/l		
77) Bromobenzene	11.195	156	6137	1.064	ug/l		84
78) n-propylbenzene	11.305	91	29087	1.044	ug/l		99
79) 2-Chlorotoluene	11.366	91	18544	1.085	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	22015	1.093	ug/l		98
82) 4-Chlorotoluene	11.457	91	21519	1.106	ug/l		93
83) tert-Butylbenzene	11.713	119	22091	1.071	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	22565	1.108	ug/l		91
85) sec-Butylbenzene	11.890	105	26569	1.061	ug/l		97
86) p-Isopropyltoluene	12.012	119	21365	1.031	ug/l		93
87) 1,3-Dichlorobenzene	11.969	146	11201	1.036	ug/l		95
88) 1,4-Dichlorobenzene	12.043	146	11828m	1.095	ug/l		
89) n-Butylbenzene	12.335	91	18583	1.006	ug/l		96
90) Hexachloroethane	12.536	117	4435	1.023	ug/l		79
91) 1,2-Dichlorobenzene	12.335	146	11180	1.057	ug/l		92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1922	0.984	ug/l		78
93) 1,2,4-Trichlorobenzene	13.591	180	6502	0.957	ug/l		92
94) Hexachlorobutadiene	13.725	225	2892	1.027	ug/l		95
95) Naphthalene	13.780	128	22773	0.995	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	6670	0.989	ug/l		98

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

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