Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
Data File : VX027776.D
Acq On : 29 Mar 2022 15:01
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 29 18:00:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 17:59:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	89502	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	137322	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	119840	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52878	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 61 - 141		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 69 - 133		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 65 - 126		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 58 - 135		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	691	0.688	ug/l		97
3) Chloromethane	1.294	50	762	0.742	ug/l		95
4) Vinyl Chloride	1.374	62	649	0.655	ug/l	#	80
6) Chloroethane	1.691	64	589m	0.917	ug/l		
7) Trichlorofluoromethane	1.886	101	1258	0.835	ug/l		92
8) Diethyl Ether	2.123	74	462	0.852	ug/l		80
9) 1,1,2-Trichlorotrifluo...	2.325	101	761	0.756	ug/l		89
12) 1,1-Dichloroethene	2.319	96	769	0.831	ug/l		95
14) Allyl chloride	2.666	41	1319	0.763	ug/l	#	87
15) Acrylonitrile	3.068	53	2456	3.788	ug/l		99
16) Acetone	2.380	43	2970	4.817	ug/l		88
17) Carbon Disulfide	2.514	76	1807	0.752	ug/l		98
18) Methyl Acetate	2.709	43	1175	0.768	ug/l	#	78
19) Methyl tert-butyl Ether	3.117	73	2783	0.815	ug/l		99
20) Methylene Chloride	2.788	84	896	0.830	ug/l	#	80
21) trans-1,2-Dichloroethene	3.093	96	932	0.903	ug/l		91
22) Diisopropyl ether	3.770	45	2762	0.801	ug/l	#	87
23) Vinyl Acetate	3.727	43	11377	3.792	ug/l	#	89
24) 1,1-Dichloroethane	3.605	63	1488	0.764	ug/l	#	81
25) 2-Butanone	4.568	43	3706	3.866	ug/l		96
26) 2,2-Dichloropropane	4.477	77	1229	0.810	ug/l		96
27) cis-1,2-Dichloroethene	4.489	96	953	0.823	ug/l		84
28) Bromochloromethane	4.903	49	691	0.880	ug/l	#	89
29) Tetrahydrofuran	5.019	42	2417	4.196	ug/l	#	81
30) Chloroform	5.099	83	1723	0.859	ug/l	#	77
32) 1,1,1-Trichloroethane	5.385	97	1447	0.812	ug/l	#	37
36) 1,1-Dichloropropene	5.696	75	1135	0.811	ug/l		82
37) Ethyl Acetate	4.714	43	1334	0.832	ug/l	#	65
38) Carbon Tetrachloride	5.672	117	1139	0.817	ug/l		89
39) Methylcyclohexane	7.379	83	1300	0.815	ug/l	#	78
40) Benzene	6.037	78	3397	0.875	ug/l		91
41) Methacrylonitrile	4.928	41	693	0.822	ug/l	#	84
42) 1,2-Dichloroethane	6.092	62	1337	0.813	ug/l	#	73
43) Isopropyl Acetate	6.336	43	2153	0.865	ug/l	#	86
44) Trichloroethene	7.129	130	896	0.879	ug/l		94
45) 1,2-Dichloropropane	7.434	63	913	0.890	ug/l	#	88

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ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 17:59:33 2022
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.586	93	687	0.932	ug/l	#	79
47) Bromodichloromethane	7.824	83	1337	0.925	ug/l	#	93
48) Methyl methacrylate	7.690	41	1022	0.833	ug/l	#	78
49) 1,4-Dioxane	7.659	88	452	17.089	ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	6837	4.004	ug/l		88
52) Toluene	8.714	92	1957	0.803	ug/l		91
53) t-1,3-Dichloropropene	8.982	75	1181	0.825	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	1263	0.798	ug/l	#	76
55) 1,1,2-Trichloroethane	9.147	97	912	0.910	ug/l		91
56) Ethyl methacrylate	9.122	69	1175	0.723	ug/l	#	67
57) 1,3-Dichloropropane	9.311	76	1433	0.800	ug/l		90
58) 2-Chloroethyl Vinyl ether	8.244	63	2890	3.486	ug/l		100
59) 2-Hexanone	9.433	43	5532	4.138	ug/l		80
60) Dibromochloromethane	9.518	129	879	0.898	ug/l		88
61) 1,2-Dibromoethane	9.616	107	929	0.868	ug/l		97
64) Tetrachloroethene	9.275	164	798	0.884	ug/l		87
65) Chlorobenzene	10.079	112	2480	0.981	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	837	0.948	ug/l	#	61
67) Ethyl Benzene	10.195	91	4328	0.924	ug/l		93
68) m/p-Xylenes	10.305	106	3019	1.776	ug/l		86
69) o-Xylene	10.646	106	1356	0.792	ug/l		77
70) Styrene	10.659	104	2314	0.848	ug/l	#	87
71) Bromoform	10.799	173	465	0.725	ug/l	#	90
73) Isopropylbenzene	10.963	105	3889	0.906	ug/l		97
74) N-amyl acetate	10.848	43	1552	0.755	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	1314	0.866	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	1075m	0.740	ug/l		
77) Bromobenzene	11.201	156	809	0.837	ug/l		62
78) n-propylbenzene	11.305	91	4895	0.962	ug/l		93
79) 2-Chlorotoluene	11.366	91	3224	1.001	ug/l		90
80) 1,3,5-Trimethylbenzene	11.451	105	3343	0.903	ug/l		93
82) 4-Chlorotoluene	11.457	91	3616	0.975	ug/l		90
83) tert-Butylbenzene	11.713	119	3388	0.990	ug/l		86
84) 1,2,4-Trimethylbenzene	11.756	105	3283	0.875	ug/l		99
85) sec-Butylbenzene	11.890	105	3888	0.872	ug/l		99
86) p-Isopropyltoluene	12.012	119	3144	0.891	ug/l	#	85
87) 1,3-Dichlorobenzene	11.975	146	1836	1.020	ug/l		93
88) 1,4-Dichlorobenzene	12.042	146	2091m	1.120	ug/l		
89) n-Butylbenzene	12.335	91	3085	0.926	ug/l		89
90) Hexachloroethane	12.542	117	574	1.019	ug/l		66
91) 1,2-Dichlorobenzene	12.341	146	1882	1.079	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	317	0.848	ug/l		58
93) 1,2,4-Trichlorobenzene	13.591	180	1182	1.161	ug/l		98
94) Hexachlorobutadiene	13.725	225	685	1.387	ug/l		88
95) Naphthalene	13.780	128	3845	1.024	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	1134	1.105	ug/l		98

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

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Instrument :
MSVOA_X
ClientSampleId :
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