Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040522\
Data File : VX027977.D
Acq On : 05 Apr 2022 13:25
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 05 14:59:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 05 14:58:15 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	74392	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	117952	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	106392	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50812	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	895	1.330	ug/l		97
3) Chloromethane	1.294	50	822	1.369	ug/l	#	73
4) Vinyl Chloride	1.374	62	865	1.400	ug/l	#	88
6) Chloroethane	1.685	64	592	1.442	ug/l	#	70
7) Trichlorofluoromethane	1.892	101	1298	1.211	ug/l		96
8) Diethyl Ether	2.130	74	451	1.190	ug/l		78
9) 1,1,2-Trichlorotrifluo...	2.331	101	736	1.065	ug/l	#	86
12) 1,1-Dichloroethene	2.325	96	738	1.142	ug/l		84
14) Allyl chloride	2.666	41	1052	0.921	ug/l		93
15) Acrylonitrile	3.069	53	2050	4.904	ug/l		96
16) Acetone	2.380	43	2048	5.057	ug/l	#	87
17) Carbon Disulfide	2.514	76	2186	1.578	ug/l	#	93
18) Methyl Acetate	2.703	43	903	0.895	ug/l	#	80
19) Methyl tert-butyl Ether	3.117	73	2401	1.017	ug/l		97
20) Methylene Chloride	2.788	84	793	1.046	ug/l	#	82
21) trans-1,2-Dichloroethene	3.093	96	850	1.220	ug/l	#	82
22) Diisopropyl ether	3.770	45	2136	0.923	ug/l	#	95
23) Vinyl Acetate	3.727	43	8230	4.105	ug/l	#	92
24) 1,1-Dichloroethane	3.605	63	1299	0.989	ug/l	#	81
25) 2-Butanone	4.562	43	2705	4.433	ug/l	#	85
26) 2,2-Dichloropropane	4.471	77	885	0.846	ug/l	#	52
27) cis-1,2-Dichloroethene	4.483	96	941	1.128	ug/l		92
28) Bromochloromethane	4.916	49	500	0.889	ug/l	#	92
29) Tetrahydrofuran	5.019	42	1712	4.357	ug/l		91
30) Chloroform	5.086	83	1356	0.932	ug/l		86
32) 1,1,1-Trichloroethane	5.385	97	1159	0.914	ug/l	#	48
36) 1,1-Dichloropropene	5.702	75	1100	1.143	ug/l		95
37) Ethyl Acetate	4.727	43	1065	0.906	ug/l	#	65
38) Carbon Tetrachloride	5.690	117	1137	1.071	ug/l	#	91
39) Methylcyclohexane	7.379	83	1295	1.133	ug/l	#	82
40) Benzene	6.056	78	2872	0.996	ug/l	#	89
41) Methacrylonitrile	4.934	41	536	0.863	ug/l	#	53
42) 1,2-Dichloroethane	6.098	62	1022	0.916	ug/l	#	73
43) Isopropyl Acetate	6.348	43	1474	0.818	ug/l	#	84
44) Trichloroethene	7.135	130	912	1.140	ug/l		71
45) 1,2-Dichloropropane	7.428	63	668	0.881	ug/l	#	72

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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Supervised By :Mahesh Dadoda 04/06/2022

Quant Time: Apr 05 14:59:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.586	93	611	1.056	ug/l		93
47) Bromodichloromethane	7.824	83	1018	0.893	ug/l	#	78
48) Methyl methacrylate	7.702	41	618	0.652	ug/l		91
49) 1,4-Dioxane	7.671	88	397	20.281	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.574	43	4591	3.651	ug/l		95
52) Toluene	8.720	92	1910	1.042	ug/l		90
53) t-1,3-Dichloropropene	8.982	75	1049	0.918	ug/l	#	79
54) cis-1,3-Dichloropropene	8.372	75	1099	0.907	ug/l	#	83
55) 1,1,2-Trichloroethane	9.153	97	823	1.023	ug/l		91
56) Ethyl methacrylate	9.122	69	985	0.788	ug/l	#	85
57) 1,3-Dichloropropane	9.311	76	1239	0.928	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	2802	4.525	ug/l		97
59) 2-Hexanone	9.433	43	3835	3.954	ug/l		91
60) Dibromochloromethane	9.525	129	831	0.992	ug/l		92
61) 1,2-Dibromoethane	9.610	107	771	0.915	ug/l	#	77
64) Tetrachloroethene	9.275	164	859	1.176	ug/l	#	80
65) Chlorobenzene	10.079	112	2285	1.094	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.171	131	867	1.117	ug/l	#	59
67) Ethyl Benzene	10.195	91	3853	1.026	ug/l		93
68) m/p-Xylenes	10.305	106	2902	2.076	ug/l		99
69) o-Xylene	10.646	106	1393	1.026	ug/l		89
70) Styrene	10.659	104	2075	0.896	ug/l		88
71) Bromoform	10.805	173	601	1.062	ug/l	#	97
73) Isopropylbenzene	10.963	105	3507	0.945	ug/l		93
74) N-amyl acetate	10.848	43	1014	0.633	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1228	0.985	ug/l		87
76) 1,2,3-Trichloropropane	11.244	75	1099m	0.958	ug/l		
77) Bromobenzene	11.201	156	1046	1.218	ug/l		88
78) n-propylbenzene	11.305	91	3801	0.859	ug/l		99
79) 2-Chlorotoluene	11.366	91	2584	0.933	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	2830	0.878	ug/l		98
82) 4-Chlorotoluene	11.457	91	2824	0.889	ug/l		99
83) tert-Butylbenzene	11.719	119	3265	1.044	ug/l		99
84) 1,2,4-Trimethylbenzene	11.756	105	2941	0.915	ug/l		96
85) sec-Butylbenzene	11.890	105	3605	0.937	ug/l		97
86) p-Isopropyltoluene	12.012	119	2875	0.894	ug/l		89
87) 1,3-Dichlorobenzene	11.975	146	1725	1.020	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	1860	1.068	ug/l		93
89) n-Butylbenzene	12.335	91	2372	0.828	ug/l		95
90) Hexachloroethane	12.542	117	442	0.854	ug/l		98
91) 1,2-Dichlorobenzene	12.341	146	1663	0.997	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	255	0.857	ug/l		86
93) 1,2,4-Trichlorobenzene	13.591	180	1126	1.088	ug/l		94
94) Hexachlorobutadiene	13.725	225	624	1.294	ug/l		98
95) Naphthalene	13.780	128	3173	0.893	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	1061	1.055	ug/l		99

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

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