Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
Data File : VW020734.D
Acq On : 01 Nov 2021 14:13
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 02 04:26:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 02 04:15:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.945	168	32204	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	52955	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	50878	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	26297	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	1913	6.151	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 12.300%#				
35) Dibromofluoromethane	7.878	113	2029	6.466	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 12.940%#				
50) Toluene-d8	10.323	98	6667	5.738	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 11.480%#				
62) 4-Bromofluorobenzene	12.615	95	2402	5.515	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 11.020%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	359	4.491	ug/l		91
3) Chloromethane	2.215	50	1155	5.989	ug/l		95
4) Vinyl Chloride	2.355	62	2153	8.618	ug/l	#	87
5) Bromomethane	2.763	94	1912	15.240	ug/l	#	81
6) Chloroethane	2.910	64	877	11.649	ug/l		95
7) Trichlorofluoromethane	3.245	101	753	7.010	ug/l		97
8) Diethyl Ether	3.678	74	645	4.966	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.050	101	1684	6.401	ug/l		98
10) Methyl Iodide	4.263	142	1931	6.373	ug/l	#	92
11) Tert butyl alcohol	5.153	59	266m	15.880	ug/l		
12) 1,1-Dichloroethene	4.044	96	1481	5.825	ug/l		95
14) Allyl chloride	4.659	41	1228	3.456	ug/l		95
15) Acrylonitrile	5.367	53	1125	18.730	ug/l		93
16) Acetone	4.129	43	1401	20.935	ug/l		95
17) Carbon Disulfide	4.373	76	4186	6.047	ug/l	#	95
18) Methyl Acetate	4.672	43	787	3.628	ug/l	#	86
19) Methyl tert-butyl Ether	5.434	73	1622	4.745	ug/l	#	86
20) Methylene Chloride	4.909	84	3359	9.866	ug/l	#	88
21) trans-1,2-Dichloroethene	5.422	96	1694	5.938	ug/l		94
22) Diisopropyl ether	6.306	45	2646	3.469	ug/l	#	82
23) Vinyl Acetate	6.251	43	6831	16.323	ug/l		99
24) 1,1-Dichloroethane	6.214	63	2704	5.325	ug/l	#	93
25) 2-Butanone	7.177	43	1453	17.825	ug/l		99
26) 2,2-Dichloropropane	7.165	77	1708	5.998	ug/l		92
27) cis-1,2-Dichloroethene	7.171	96	1733	5.562	ug/l		98
28) Bromochloromethane	7.513	49	1059	4.537	ug/l	#	84
29) Tetrahydrofuran	7.525	42	793	16.159	ug/l		94
30) Chloroform	7.677	83	3356	6.146	ug/l		89
31) Cyclohexane	7.952	56	2693	5.302	ug/l	#	82
32) 1,1,1-Trichloroethane	7.872	97	2697	6.398	ug/l		95
36) 1,1-Dichloropropene	8.086	75	2297	4.926	ug/l		97
37) Ethyl Acetate	7.263	43	653	3.382	ug/l	#	63
38) Carbon Tetrachloride	8.067	117	2575	5.857	ug/l		89
39) Methylcyclohexane	9.335	83	2690	4.750	ug/l		88
40) Benzene	8.317	78	7200	5.375	ug/l		94
41) Methacrylonitrile	7.476	41	271	2.412	ug/l	#	67

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	8.397	62	1917	4.701	ug/l		94
43) Isopropyl Acetate	8.421	43	1185	3.215	ug/l	#	74
44) Trichloroethene	9.092	130	2130	5.950	ug/l		82
45) 1,2-Dichloropropane	9.372	63	1436	4.607	ug/l		92
46) Dibromomethane	9.457	93	1040	5.852	ug/l		89
47) Bromodichloromethane	9.640	83	2299	5.170	ug/l	#	96
48) Methyl methacrylate	9.433	41	482	2.683	ug/l	#	93
49) 1,4-Dioxane	9.457	88	154	63.990	ug/l	#	43
51) 4-Methyl-2-Pentanone	10.207	43	2992	15.344	ug/l		100
52) Toluene	10.390	92	4232	5.137	ug/l		92
53) t-1,3-Dichloropropene	10.604	75	1857	4.213	ug/l		100
54) cis-1,3-Dichloropropene	10.073	75	2275	4.512	ug/l	#	87
55) 1,1,2-Trichloroethane	10.786	97	1372	5.528	ug/l		90
56) Ethyl methacrylate	10.640	69	1268	4.212	ug/l	#	90
57) 1,3-Dichloropropane	10.933	76	2274	5.376	ug/l		90
58) 2-Chloroethyl Vinyl ether	9.921	63	2685	18.944	ug/l		96
59) 2-Hexanone	10.969	43	2145	15.599	ug/l		90
60) Dibromochloromethane	11.128	129	1700	5.703	ug/l		97
61) 1,2-Dibromoethane	11.231	107	1309	5.439	ug/l		93
64) Tetrachloroethene	10.866	164	1892	5.840	ug/l	#	87
65) Chlorobenzene	11.658	112	5064	5.462	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.725	131	1852	5.451	ug/l		95
67) Ethyl Benzene	11.731	91	8005	4.846	ug/l		97
68) m/p-Xylenes	11.841	106	6450	10.030	ug/l		93
69) o-Xylene	12.164	106	2728	4.584	ug/l		94
70) Styrene	12.176	104	4540	4.448	ug/l		95
71) Bromoform	12.347	173	901	4.784	ug/l	#	90
73) Isopropylbenzene	12.463	105	7707	4.896	ug/l		98
74) N-amyl acetate	12.268	43	992	2.878	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.713	83	1544	5.422	ug/l		96
76) 1,2,3-Trichloropropane	12.768	75	862m	3.843	ug/l		
77) Bromobenzene	12.749	156	2036	5.268	ug/l		89
78) n-propylbenzene	12.804	91	9568	4.948	ug/l		99
79) 2-Chlorotoluene	12.890	91	5378	4.836	ug/l		99
80) 1,3,5-Trimethylbenzene	12.938	105	6350	4.641	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.506	75	393	4.376	ug/l	#	86
82) 4-Chlorotoluene	12.987	91	5763	4.868	ug/l		95
83) tert-Butylbenzene	13.207	119	5450	4.654	ug/l		92
84) 1,2,4-Trimethylbenzene	13.249	105	6327	4.645	ug/l		93
85) sec-Butylbenzene	13.377	105	8769	4.987	ug/l		98
86) p-Isopropyltoluene	13.493	119	7198	4.831	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	4538	5.734	ug/l		98
88) 1,4-Dichlorobenzene	13.572	146	4737	6.058	ug/l		94
89) n-Butylbenzene	13.822	91	7008	5.015	ug/l		93
90) Hexachloroethane	14.091	117	1626	5.902	ug/l		99
91) 1,2-Dichlorobenzene	13.865	146	4075	5.953	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.481	75	168	3.343	ug/l		70
93) 1,2,4-Trichlorobenzene	15.127	180	2338	4.943	ug/l		93
94) Hexachlorobutadiene	15.231	225	1348	4.532	ug/l		92
95) Naphthalene	15.359	128	3492	4.341	ug/l		95
96) 1,2,3-Trichlorobenzene	15.554	180	2045	4.839	ug/l		95

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

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