Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110521\
Data File : VW020766.D
Acq On : 04 Nov 2021 19:07
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW110521

Quant Time: Nov 04 19:55:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110521S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 04 19:17:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	104717	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	159605	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	145578	50.000	ug/l	#	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	78083	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	63573	56.785	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.580%				
35) Dibromofluoromethane	7.885	113	60587	55.840	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.680%				
50) Toluene-d8	10.323	98	228058	54.082	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.160%				
62) 4-Bromofluorobenzene	12.615	95	88580	55.554	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	12707	49.586	ug/l		95
3) Chloromethane	2.215	50	38851	54.919	ug/l		98
4) Vinyl Chloride	2.355	62	51070	56.364	ug/l		97
5) Bromomethane	2.770	94	31008	55.918	ug/l		84
6) Chloroethane	2.910	64	20632	56.999	ug/l		95
7) Trichlorofluoromethane	3.251	101	23706	49.780	ug/l		87
8) Diethyl Ether	3.684	74	27074	59.967	ug/l		61
9) 1,1,2-Trichlorotrifluo...	4.056	101	49578	54.007	ug/l		96
10) Methyl Iodide	4.269	142	73626	61.969	ug/l		98
11) Tert butyl alcohol	5.172	59	19609	293.785	ug/l	#	85
12) 1,1-Dichloroethene	4.038	96	50297	55.360	ug/l	#	80
13) Acrolein	3.898	56	5105	245.745	ug/l		98
14) Allyl chloride	4.666	41	85756	55.043	ug/l	#	80
15) Acrylonitrile	5.367	53	61956	301.134	ug/l		97
16) Acetone	4.123	43	58605	240.162	ug/l		89
17) Carbon Disulfide	4.379	76	136413	54.782	ug/l		96
18) Methyl Acetate	4.666	43	44583	57.994	ug/l	#	81
19) Methyl tert-butyl Ether	5.428	73	83011	61.227	ug/l		92
20) Methylene Chloride	4.916	84	61119	58.406	ug/l	#	73
21) trans-1,2-Dichloroethene	5.422	96	55639	56.055	ug/l	#	79
22) Diisopropyl ether	6.312	45	181851	59.266	ug/l	#	91
23) Vinyl Acetate	6.257	43	495411	302.493	ug/l	#	86
24) 1,1-Dichloroethane	6.220	63	104630	57.450	ug/l		97
25) 2-Butanone	7.165	43	86570	292.181	ug/l	#	82
26) 2,2-Dichloropropane	7.165	77	61193	52.764	ug/l		94
27) cis-1,2-Dichloroethene	7.171	96	65584	58.798	ug/l		85
28) Bromochloromethane	7.513	49	39539	48.485	ug/l	#	70
29) Tetrahydrofuran	7.531	42	55809	304.081	ug/l	#	69
30) Chloroform	7.677	83	109070	58.481	ug/l		98
31) Cyclohexane	7.952	56	98420	51.954	ug/l	#	76
32) 1,1,1-Trichloroethane	7.872	97	89414	56.963	ug/l		95
36) 1,1-Dichloropropene	8.086	75	82047	55.110	ug/l		96
37) Ethyl Acetate	7.251	43	37980	59.476	ug/l	#	91
38) Carbon Tetrachloride	8.068	117	84403	54.404	ug/l		92
39) Methylcyclohexane	9.336	83	105247	54.496	ug/l	#	85
40) Benzene	8.324	78	247980	57.745	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	22067	57.330	ug/l	#	82
42) 1,2-Dichloroethane	8.397	62	71724	57.764	ug/l		96
43) Isopropyl Acetate	8.421	43	79658	59.661	ug/l	#	86
44) Trichloroethene	9.092	130	65832	56.681	ug/l		97
45) 1,2-Dichloropropane	9.366	63	59079	57.787	ug/l		99
46) Dibromomethane	9.457	93	32485	58.605	ug/l		98
47) Bromodichloromethane	9.646	83	85244	57.896	ug/l		98
48) Methyl methacrylate	9.433	41	35765	57.351	ug/l	#	76
49) 1,4-Dioxane	9.445	88	9109	1289.937	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.207	43	197469	299.857	ug/l		86
52) Toluene	10.390	92	154710	58.106	ug/l		92
53) t-1,3-Dichloropropene	10.604	75	86546	58.044	ug/l		96
54) cis-1,3-Dichloropropene	10.073	75	97419	57.313	ug/l	#	81
55) 1,1,2-Trichloroethane	10.787	97	43845	58.537	ug/l		98
56) Ethyl methacrylate	10.646	69	62902	58.861	ug/l	#	75
57) 1,3-Dichloropropane	10.933	76	78300	60.060	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.921	63	114034	248.432	ug/l		92
59) 2-Hexanone	10.969	43	139625	290.329	ug/l		84
60) Dibromochloromethane	11.128	129	59872	60.270	ug/l		96
61) 1,2-Dibromoethane	11.232	107	44383	58.914	ug/l		100
64) Tetrachloroethene	10.860	164	62585	60.350	ug/l		93
65) Chlorobenzene	11.658	112	165996	56.923	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.731	131	64021	58.446	ug/l		97
67) Ethyl Benzene	11.731	91	306101	56.738	ug/l		97
68) m/p-Xylenes	11.835	106	241563	115.386	ug/l		97
69) o-Xylene	12.164	106	114957	56.676	ug/l		93
70) Styrene	12.183	104	196088	57.854	ug/l		94
71) Bromoform	12.347	173	39103	60.966	ug/l	#	98
73) Isopropylbenzene	12.463	105	307669	54.876	ug/l		100
74) N-amyl acetate	12.268	43	82173	58.680	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.713	83	53001	57.473	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	43842m	59.734	ug/l		
77) Bromobenzene	12.743	156	74674	58.343	ug/l		88
78) n-propylbenzene	12.804	91	378468	56.327	ug/l		99
79) 2-Chlorotoluene	12.890	91	217876	57.161	ug/l		96
80) 1,3,5-Trimethylbenzene	12.945	105	265569	55.951	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	18362	56.321	ug/l		88
82) 4-Chlorotoluene	12.987	91	227841	56.967	ug/l		98
83) tert-Butylbenzene	13.207	119	237464	56.876	ug/l		94
84) 1,2,4-Trimethylbenzene	13.249	105	264050	55.855	ug/l		99
85) sec-Butylbenzene	13.384	105	351106	56.912	ug/l		100
86) p-Isopropyltoluene	13.493	119	295020	56.841	ug/l		97
87) 1,3-Dichlorobenzene	13.499	146	148165	57.027	ug/l		95
88) 1,4-Dichlorobenzene	13.579	146	150933	58.635	ug/l		95
89) n-Butylbenzene	13.823	91	275447	56.087	ug/l		99
90) Hexachloroethane	14.091	117	59472	57.739	ug/l		87
91) 1,2-Dichlorobenzene	13.871	146	130907	57.458	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9748	57.092	ug/l		84
93) 1,2,4-Trichlorobenzene	15.127	180	89413	55.381	ug/l		98
94) Hexachlorobutadiene	15.225	225	53445	53.365	ug/l		92
95) Naphthalene	15.359	128	157587	56.160	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	77473	56.848	ug/l		98

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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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