Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
Data File : VW017795.D
Acq On : 07 Jan 2021 12:29
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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1/8/2021 2:31:17 PM

Quant Time: Jan 08 05:00:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010721S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 08 04:59:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.946	168	172206	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	293249	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	264408	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	127957	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	11289	5.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.34%				
35) Dibromofluoromethane	7.885	113	10253	5.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.50%				
50) Toluene-d8	10.323	98	39181	5.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.34%				
62) 4-Bromofluorobenzene	12.615	95	13704	5.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	6417	4.48	ug/l		98
3) Chloromethane	2.209	50	8733	5.55	ug/l		89
4) Vinyl Chloride	2.361	62	12831	5.31	ug/l		90
5) Bromomethane	2.776	94	11005	4.14	ug/l		90
6) Chloroethane	2.922	64	8068	4.66	ug/l	#	85
7) Trichlorofluoromethane	3.257	101	7830	4.59	ug/l		90
8) Diethyl Ether	3.684	74	4463	5.14	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.068	101	9646	4.97	ug/l	#	88
10) Methyl Iodide	4.269	142	12871	4.96	ug/l		94
11) Tert butyl alcohol	5.178	59	3413m	27.14	ug/l		
12) 1,1-Dichloroethene	4.050	96	9459	5.11	ug/l		86
13) Acrolein	3.897	56	3210	22.32	ug/l		91
14) Allyl chloride	4.672	41	13653	5.30	ug/l		98
15) Acrylonitrile	5.361	53	9205	22.73	ug/l		97
16) Acetone	4.117	43	8978	23.47	ug/l		93
17) Carbon Disulfide	4.385	76	26610	4.86	ug/l		97
18) Methyl Acetate	4.666	43	4136	4.45	ug/l		98
19) Methyl tert-butyl Ether	5.428	73	12949	5.08	ug/l		96
20) Methylene Chloride	4.922	84	15084	6.26	ug/l		95
21) trans-1,2-Dichloroethene	5.428	96	11033	5.00	ug/l		97
22) Diisopropyl ether	6.312	45	26381	5.00	ug/l		93
23) Vinyl Acetate	6.257	43	72541	21.80	ug/l		97
24) 1,1-Dichloroethane	6.214	63	19128	5.17	ug/l		95
25) 2-Butanone	7.171	43	12156	22.85	ug/l	#	89
26) 2,2-Dichloropropane	7.165	77	11217	5.17	ug/l		99
27) cis-1,2-Dichloroethene	7.165	96	11982	5.18	ug/l		96
28) Bromochloromethane	7.513	49	8266	5.50	ug/l		100
29) Tetrahydrofuran	7.531	42	7480	22.31	ug/l		94
30) Chloroform	7.677	83	20642	5.21	ug/l		94
31) Cyclohexane	7.952	56	19786	5.29	ug/l	#	85
32) 1,1,1-Trichloroethane	7.878	97	16484	5.05	ug/l		97
36) 1,1-Dichloropropene	8.086	75	15597	4.82	ug/l		98
37) Ethyl Acetate	7.251	43	5824	4.70	ug/l		96
38) Carbon Tetrachloride	8.074	117	14767	4.90	ug/l		99
39) Methylcyclohexane	9.336	83	18534	4.74	ug/l		96
40) Benzene	8.323	78	44875	5.27	ug/l		98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.476	41	3117	4.39	ug/l		95
42) 1,2-Dichloroethane	8.403	62	13779	5.13	ug/l		97
43) Isopropyl Acetate	8.427	43	9625	4.42	ug/l		94
44) Trichloroethene	9.092	130	11501	4.97	ug/l		89
45) 1,2-Dichloropropane	9.366	63	10921	5.45	ug/l		92
46) Dibromomethane	9.457	93	6043	5.06	ug/l		95
47) Bromodichloromethane	9.646	83	13990	4.83	ug/l		93
48) Methyl methacrylate	9.433	41	4391	3.88	ug/l		89
49) 1,4-Dioxane	9.451	88	1252	89.68	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.207	43	25177	22.35	ug/l		100
52) Toluene	10.390	92	27402	4.90	ug/l		96
53) t-1,3-Dichloropropene	10.604	75	11875	4.67	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	14663	4.73	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	7639	4.75	ug/l		95
56) Ethyl methacrylate	10.646	69	7748	4.35	ug/l		95
57) 1,3-Dichloropropane	10.933	76	13377	4.80	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	20600	22.75	ug/l		98
59) 2-Hexanone	10.969	43	16328	22.07	ug/l		94
60) Dibromochloromethane	11.128	129	7831	4.40	ug/l		90
61) 1,2-Dibromoethane	11.238	107	7465	4.84	ug/l		95
64) Tetrachloroethene	10.866	164	9179	4.95	ug/l		92
65) Chlorobenzene	11.658	112	29748	5.03	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.725	131	9203	4.76	ug/l		96
67) Ethyl Benzene	11.731	91	53442	4.94	ug/l		100
68) m/p-Xylenes	11.841	106	38327	9.39	ug/l		91
69) o-Xylene	12.164	106	17537	4.68	ug/l		93
70) Styrene	12.183	104	28793	4.63	ug/l		96
71) Bromoform	12.341	173	4177	4.65	ug/l	#	99
73) Isopropylbenzene	12.463	105	49909	4.92	ug/l		98
74) N-amyl acetate	12.274	43	7734	4.44	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.713	83	8660	4.90	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	5748m	4.82	ug/l		
77) Bromobenzene	12.743	156	11674	5.34	ug/l		95
78) n-propylbenzene	12.804	91	61760	5.02	ug/l		98
79) 2-Chlorotoluene	12.896	91	34406	5.07	ug/l		98
80) 1,3,5-Trimethylbenzene	12.945	105	41987	4.97	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.512	75	1798	4.32	ug/l	#	70
82) 4-Chlorotoluene	12.987	91	36388	4.97	ug/l		99
83) tert-Butylbenzene	13.207	119	34312	4.71	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	42852	4.98	ug/l		98
85) sec-Butylbenzene	13.384	105	51578	4.96	ug/l		97
86) p-Isopropyltoluene	13.499	119	45704	4.84	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	22244	4.99	ug/l		95
88) 1,4-Dichlorobenzene	13.579	146	22973	5.05	ug/l		94
89) n-Butylbenzene	13.823	91	46168	4.90	ug/l		98
90) Hexachloroethane	14.091	117	7777	5.08	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	18928	4.84	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1372	4.55	ug/l		84
93) 1,2,4-Trichlorobenzene	15.133	180	12496	4.89	ug/l		93
94) Hexachlorobutadiene	15.231	225	7171	5.07	ug/l		96
95) Naphthalene	15.365	128	21366	4.44	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	11111	5.09	ug/l		98

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Instrument :
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ClientSampleId :
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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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