Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018242.D
Acq On : 04 Mar 2021 11:13
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
MMDadoda
3/5/2021 10:12:12 AM

Quant Time: Mar 04 13:14:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	293997	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	449246	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	402006	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	208091	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	13711	4.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 8.02%				
35) Dibromofluoromethane	7.885	113	14603	5.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.06%				
50) Toluene-d8	10.323	98	55991	4.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.98%				
62) 4-Bromofluorobenzene	12.615	95	20139	5.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	10224	4.48	ug/l		98
3) Chloromethane	2.215	50	9916	4.04	ug/l		97
4) Vinyl Chloride	2.367	62	14469	3.80	ug/l		98
5) Bromomethane	2.782	94	10842	2.90	ug/l		99
6) Chloroethane	2.928	64	8220	3.17	ug/l		99
7) Trichlorofluoromethane	3.263	101	9497	3.41	ug/l		99
8) Diethyl Ether	3.690	74	6961	4.85	ug/l		88
9) 1,1,2-Trichlorotrifluo...	4.062	101	14676	4.75	ug/l		89
10) Methyl Iodide	4.275	142	22051	5.08	ug/l		93
11) Tert butyl alcohol	5.190	59	2996	15.89	ug/l	#	86
12) 1,1-Dichloroethene	4.044	96	14394	4.70	ug/l		80
13) Acrolein	3.897	56	4579	20.58	ug/l		97
14) Allyl chloride	4.672	41	17446	4.15	ug/l		89
15) Acrylonitrile	5.373	53	13162	20.38	ug/l		98
16) Acetone	4.135	43	10530	17.80	ug/l	#	86
17) Carbon Disulfide	4.391	76	39231	4.42	ug/l		99
18) Methyl Acetate	4.684	43	5614	4.01	ug/l		96
19) Methyl tert-butyl Ether	5.428	73	16086	3.98	ug/l		97
20) Methylene Chloride	4.922	84	22004	5.86	ug/l	#	90
21) trans-1,2-Dichloroethene	5.434	96	16324	4.51	ug/l		98
22) Diisopropyl ether	6.312	45	35394	4.14	ug/l		96
23) Vinyl Acetate	6.263	43	98479	18.35	ug/l		95
24) 1,1-Dichloroethane	6.214	63	25612	4.27	ug/l		98
25) 2-Butanone	7.171	43	14804	17.80	ug/l		90
26) 2,2-Dichloropropane	7.171	77	14821	4.29	ug/l		100
27) cis-1,2-Dichloroethene	7.171	96	17335	4.53	ug/l		93
28) Bromochloromethane	7.513	49	9759	3.96	ug/l	#	69
29) Tetrahydrofuran	7.531	42	9896	18.63	ug/l		95
30) Chloroform	7.677	83	27746	4.30	ug/l		99
31) Cyclohexane	7.958	56	26858	4.68	ug/l	#	74
32) 1,1,1-Trichloroethane	7.872	97	22675	4.27	ug/l		96
36) 1,1-Dichloropropene	8.086	75	22157	4.75	ug/l		97
37) Ethyl Acetate	7.263	43	7589	4.29	ug/l		97
38) Carbon Tetrachloride	8.074	117	21794	4.75	ug/l		94
39) Methylcyclohexane	9.336	83	27642	4.79	ug/l		97
40) Benzene	8.323	78	60876	4.79	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	3563	3.53	ug/l		93
42) 1,2-Dichloroethane	8.403	62	17049	4.44	ug/l		94
43) Isopropyl Acetate	8.427	43	12924	4.03	ug/l		92
44) Trichloroethene	9.092	130	18825	5.33	ug/l		90
45) 1,2-Dichloropropane	9.372	63	14219	4.72	ug/l		95
46) Dibromomethane	9.457	93	7629	4.34	ug/l	#	79
47) Bromodichloromethane	9.640	83	19879	4.65	ug/l		94
48) Methyl methacrylate	9.439	41	6310	3.93	ug/l	#	86
49) 1,4-Dioxane	9.451	88	1893	89.61	ug/l		92
51) 4-Methyl-2-Pentanone	10.207	43	32576	19.85	ug/l		90
52) Toluene	10.390	92	39932	4.81	ug/l		99
53) t-1,3-Dichloropropene	10.604	75	17629	4.50	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	21752	4.61	ug/l		91
55) 1,1,2-Trichloroethane	10.786	97	11497	4.88	ug/l		96
56) Ethyl methacrylate	10.646	69	11512	4.24	ug/l	#	90
57) 1,3-Dichloropropane	10.933	76	18917	4.66	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	31548	23.57	ug/l		93
59) 2-Hexanone	10.969	43	21632	19.73	ug/l		94
60) Dibromochloromethane	11.128	129	13741	5.02	ug/l		99
61) 1,2-Dibromoethane	11.238	107	10971	4.72	ug/l		98
64) Tetrachloroethene	10.860	164	15775	5.59	ug/l		89
65) Chlorobenzene	11.658	112	45080	5.08	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.725	131	14988	5.03	ug/l		98
67) Ethyl Benzene	11.731	91	76063	4.70	ug/l		98
68) m/p-Xylenes	11.841	106	60108	9.85	ug/l		99
69) o-Xylene	12.164	106	27064	4.79	ug/l		99
70) Styrene	12.176	104	44868	4.74	ug/l		98
71) Bromoform	12.353	173	7407	5.02	ug/l	#	97
73) Isopropylbenzene	12.463	105	74666	4.61	ug/l		100
74) N-amyl acetate	12.274	43	11277	3.99	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.713	83	12554	4.56	ug/l		97
76) 1,2,3-Trichloropropane	12.768	75	9590m	5.11	ug/l		
77) Bromobenzene	12.743	156	17916	4.97	ug/l		93
78) n-propylbenzene	12.804	91	88789	4.55	ug/l		99
79) 2-Chlorotoluene	12.890	91	51537	4.80	ug/l		98
80) 1,3,5-Trimethylbenzene	12.945	105	64200	4.74	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	3246	4.45	ug/l		97
82) 4-Chlorotoluene	12.987	91	55057	4.82	ug/l		99
83) tert-Butylbenzene	13.207	119	57447	4.90	ug/l		96
84) 1,2,4-Trimethylbenzene	13.249	105	65842	4.79	ug/l		99
85) sec-Butylbenzene	13.384	105	77583	4.68	ug/l		97
86) p-Isopropyltoluene	13.493	119	72417	4.78	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	38189	5.33	ug/l		96
88) 1,4-Dichlorobenzene	13.579	146	37049	5.20	ug/l		96
89) n-Butylbenzene	13.823	91	65534	4.45	ug/l		99
90) Hexachloroethane	14.091	117	11789	4.56	ug/l		70
91) 1,2-Dichlorobenzene	13.871	146	32083	5.13	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1815	3.94	ug/l		82
93) 1,2,4-Trichlorobenzene	15.127	180	23376	5.56	ug/l		98
94) Hexachlorobutadiene	15.231	225	15429	6.44	ug/l		94
95) Naphthalene	15.365	128	37128	4.65	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	20378	5.60	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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