Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
Data File : VD068451.D
Acq On : 26 Feb 2021 11:31
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
MMDadoda
3/1/2021 10:05:29 AM

Quant Time: Feb 26 12:48:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 12:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	310082	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	537447	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	492227	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225466	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.338	65	30267	9.61	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 19.22%#				
35) Dibromofluoromethane	7.920	113	33376	10.52	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 21.04%#				
50) Toluene-d8	10.338	98	132090	10.09	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 20.18%#				
62) 4-Bromofluorobenzene	12.632	95	41805	9.76	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 19.52%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	32636	11.16	ug/l		95
3) Chloromethane	2.209	50	40471	11.56	ug/l		97
4) Vinyl Chloride	2.350	62	47281	11.29	ug/l		97
5) Bromomethane	2.762	94	33389	11.21	ug/l		94
6) Chloroethane	2.926	64	29768	10.97	ug/l		94
7) Trichlorofluoromethane	3.273	101	54170	10.67	ug/l		99
8) Diethyl Ether	3.714	74	15774	10.61	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.091	101	32930	10.68	ug/l		92
10) Methyl Iodide	4.297	142	27993	9.35	ug/l		94
11) Tert butyl alcohol	5.226	59	8967	56.41	ug/l	#	94
12) 1,1-Dichloroethene	4.061	96	31897	10.60	ug/l		93
13) Acrolein	3.920	56	12280	64.82	ug/l		95
14) Allyl chloride	4.720	41	39377	10.09	ug/l		97
15) Acrylonitrile	5.432	53	33114	51.84	ug/l		97
16) Acetone	4.156	43	24127	48.97	ug/l		93
17) Carbon Disulfide	4.409	76	105729	11.79	ug/l		97
18) Methyl Acetate	4.720	43	12939	9.69	ug/l		89
19) Methyl tert-butyl Ether	5.479	73	67931	10.14	ug/l		96
20) Methylene Chloride	4.973	84	46650	11.78	ug/l		93
21) trans-1,2-Dichloroethene	5.479	96	36825	10.52	ug/l		83
22) Diisopropyl ether	6.361	45	90089	10.45	ug/l	#	94
23) Vinyl Acetate	6.308	43	218385	49.20	ug/l		96
24) 1,1-Dichloroethane	6.273	63	60708	10.31	ug/l		96
25) 2-Butanone	7.214	43	36084	52.32	ug/l		93
26) 2,2-Dichloropropane	7.208	77	50206	9.98	ug/l		96
27) cis-1,2-Dichloroethene	7.208	96	41625	10.53	ug/l		95
28) Bromochloromethane	7.544	49	25266	10.47	ug/l	#	78
29) Tetrahydrofuran	7.567	42	23131	51.58	ug/l		97
30) Chloroform	7.714	83	63651	10.36	ug/l		99
31) Cyclohexane	7.985	56	60384	11.26	ug/l	#	89
32) 1,1,1-Trichloroethane	7.902	97	54808	10.34	ug/l		95
36) 1,1-Dichloropropene	8.114	75	51902	10.66	ug/l		95
37) Ethyl Acetate	7.302	43	17496	10.83	ug/l	#	93
38) Carbon Tetrachloride	8.097	117	47636	10.34	ug/l		93
39) Methylcyclohexane	9.361	83	60151	10.04	ug/l		96
40) Benzene	8.349	78	146928	10.63	ug/l		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	9073	9.91	ug/l	#	69
42) 1,2-Dichloroethane	8.426	62	38579	10.49	ug/l		98
43) Isopropyl Acetate	8.455	43	29927	9.70	ug/l	#	58
44) Trichloroethene	9.114	130	41264	10.97	ug/l		97
45) 1,2-Dichloropropane	9.385	63	34941	10.36	ug/l		98
46) Dibromomethane	9.479	93	19157	10.55	ug/l		91
47) Bromodichloromethane	9.661	83	49307	10.47	ug/l		98
48) Methyl methacrylate	9.461	41	14584	9.27	ug/l	#	82
49) 1,4-Dioxane	9.461	88	4299	204.11	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.232	43	79956	50.23	ug/l		99
52) Toluene	10.402	92	93035	10.46	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	44453	10.23	ug/l		90
54) cis-1,3-Dichloropropene	10.091	75	55703	10.42	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	26372	10.48	ug/l	#	83
56) Ethyl methacrylate	10.661	69	29251	9.87	ug/l		97
57) 1,3-Dichloropropane	10.943	76	45352	10.27	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	73566	46.92	ug/l		93
59) 2-Hexanone	10.985	43	51374	47.71	ug/l		99
60) Dibromochloromethane	11.138	129	33407	10.67	ug/l		98
61) 1,2-Dibromoethane	11.249	107	26554	10.90	ug/l		97
64) Tetrachloroethene	10.879	164	33731	10.94	ug/l		95
65) Chlorobenzene	11.667	112	102050	10.62	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.743	131	35166	10.52	ug/l		99
67) Ethyl Benzene	11.743	91	173168	10.05	ug/l		99
68) m/p-Xylenes	11.855	106	136284	20.86	ug/l		98
69) o-Xylene	12.179	106	61885	10.32	ug/l		94
70) Styrene	12.190	104	102789	9.88	ug/l		99
71) Bromoform	12.361	173	17645	10.27	ug/l	#	99
73) Isopropylbenzene	12.479	105	167089	10.09	ug/l		98
74) N-amyl acetate	12.285	43	27009	9.33	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	30089	10.55	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	22152m	10.35	ug/l		
77) Bromobenzene	12.755	156	39603	10.68	ug/l		95
78) n-propylbenzene	12.820	91	200617	10.10	ug/l		97
79) 2-Chlorotoluene	12.908	91	112450	10.23	ug/l		100
80) 1,3,5-Trimethylbenzene	12.955	105	136219	10.06	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	8488	9.89	ug/l		97
82) 4-Chlorotoluene	13.002	91	116661	10.03	ug/l		99
83) tert-Butylbenzene	13.220	119	114783	9.79	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	136951	10.12	ug/l		99
85) sec-Butylbenzene	13.396	105	164784	10.07	ug/l		97
86) p-Isopropyltoluene	13.514	119	148326	10.04	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	74625	10.36	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	73946	10.32	ug/l		97
89) n-Butylbenzene	13.837	91	143174	9.92	ug/l		96
90) Hexachloroethane	14.108	117	29019	10.58	ug/l		94
91) 1,2-Dichlorobenzene	13.884	146	64913	10.44	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	5477	12.79	ug/l		81
93) 1,2,4-Trichlorobenzene	15.155	180	48194	11.47	ug/l		97
94) Hexachlorobutadiene	15.261	225	27510	11.88	ug/l		97
95) Naphthalene	15.396	128	85277	11.00	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	41680	11.43	ug/l		100

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

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