Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
Data File : VY003916.D
Acq On : 14 Jan 2021 12:41
Operator : SY/MD
Sample : VY0114SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0114SBS01

Manual Integrations APPROVED
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1/15/2021 5:45:19 PM

Quant Time: Jan 15 00:56:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	134111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	184877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105959	50.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.72%			
35) Dibromofluoromethane	7.722	113	86473	53.31	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.62%			
50) Toluene-d8	10.179	98	344044	52.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.66%			
62) 4-Bromofluorobenzene	12.477	95	126587	52.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	46984	27.29	ug/l	94
3) Chloromethane	2.119	50	60029	27.36	ug/l	96
4) Vinyl Chloride	2.253	62	62598	26.09	ug/l	100
5) Bromomethane	2.644	94	40216	23.30	ug/l	97
6) Chloroethane	2.796	64	35028	23.72	ug/l	98
7) Trichlorofluoromethane	3.125	101	72655	23.14	ug/l	96
8) Diethyl Ether	3.534	74	22703	22.54	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	38891	23.90	ug/l	95
10) Methyl Iodide	4.101	142	42511	21.95	ug/l	97
11) Tert butyl alcohol	4.966	59	22898	105.72	ug/l	100
12) 1,1-Dichloroethene	3.875	96	37465	23.57	ug/l	87
13) Acrolein	3.735	56	21921	106.37	ug/l	99
14) Allyl chloride	4.479	41	75559	21.97	ug/l	96
15) Acrylonitrile	5.174	53	61240	108.74	ug/l	99
16) Acetone	3.954	43	53928	104.68	ug/l	97
17) Carbon Disulfide	4.198	76	121630	22.97	ug/l	99
18) Methyl Acetate	4.485	43	29888	21.81	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	110780	22.39	ug/l	99
20) Methylene Chloride	4.716	84	48074	24.91	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	41905	23.01	ug/l	93
22) Diisopropyl ether	6.125	45	152325	22.72	ug/l	96
23) Vinyl Acetate	6.064	43	509791	109.80	ug/l	97
24) 1,1-Dichloroethane	6.021	63	76010	22.63	ug/l	97
25) 2-Butanone	6.990	43	86671	107.98	ug/l	99
26) 2,2-Dichloropropane	6.984	77	70132	22.32	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	45758	22.78	ug/l	95
28) Bromochloromethane	7.338	49	34692	22.25	ug/l	83
29) Tetrahydrofuran	7.350	42	58863	109.08	ug/l	96
30) Chloroform	7.509	83	76745	22.76	ug/l	96
31) Cyclohexane	7.783	56	78585	22.49	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	70403	22.41	ug/l	96
36) 1,1-Dichloropropene	7.917	75	61724	22.72	ug/l	99
37) Ethyl Acetate	7.076	43	40688	22.25	ug/l	97
38) Carbon Tetrachloride	7.899	117	64710	22.50	ug/l	93
39) Methylcyclohexane	9.179	83	74730	22.86	ug/l	97
40) Benzene	8.161	78	169842	22.82	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.344	41	36080m	35.08	ug/l		
42) 1,2-Dichloroethane	8.240	62	56947	22.23	ug/l		99
43) Isopropyl Acetate	8.277	43	75011	21.54	ug/l		97
44) Trichloroethene	8.941	130	46443	22.82	ug/l		98
45) 1,2-Dichloropropane	9.216	63	43915	22.76	ug/l		97
46) Dibromomethane	9.307	93	24075	22.45	ug/l		92
47) Bromodichloromethane	9.496	83	60542	22.62	ug/l		97
48) Methyl methacrylate	9.289	41	35355	21.45	ug/l		93
49) 1,4-Dioxane	9.295	88	6826	470.16	ug/l		97
51) 4-Methyl-2-Pentanone	10.069	43	197681	107.05	ug/l		96
52) Toluene	10.240	92	106611	22.61	ug/l		100
53) t-1,3-Dichloropropene	10.465	75	64679	22.38	ug/l		96
54) cis-1,3-Dichloropropene	9.929	75	71292	22.61	ug/l		91
55) 1,1,2-Trichloroethane	10.642	97	33532	23.04	ug/l		92
56) Ethyl methacrylate	10.508	69	48974	22.37	ug/l		94
57) 1,3-Dichloropropane	10.789	76	58003	21.91	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.783	63	126105	116.02	ug/l		97
59) 2-Hexanone	10.831	43	136499	106.18	ug/l		96
60) Dibromochloromethane	10.984	129	42584	22.60	ug/l		97
61) 1,2-Dibromoethane	11.087	107	33101	23.17	ug/l		99
64) Tetrachloroethene	10.715	164	51584	22.95	ug/l		97
65) Chlorobenzene	11.514	112	113801	23.23	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.587	131	42210	22.58	ug/l		99
67) Ethyl Benzene	11.593	91	210083	22.83	ug/l		99
68) m/p-Xylenes	11.703	106	157523	46.20	ug/l		96
69) o-Xylene	12.026	106	73480	22.99	ug/l		98
70) Styrene	12.044	104	125509	22.89	ug/l		97
71) Bromoform	12.209	173	28242	22.98	ug/l	#	99
73) Isopropylbenzene	12.325	105	204947	22.79	ug/l		99
74) N-amyl acetate	12.142	43	69897	21.73	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.581	83	38182	22.37	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	29279m	21.61	ug/l		
77) Bromobenzene	12.605	156	49552	22.57	ug/l		89
78) n-propylbenzene	12.666	91	246597	22.90	ug/l		98
79) 2-Chlorotoluene	12.758	91	138623	22.84	ug/l		98
80) 1,3,5-Trimethylbenzene	12.813	105	175416	22.55	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	16540	23.17	ug/l	#	96
82) 4-Chlorotoluene	12.855	91	148559	23.00	ug/l		95
83) tert-Butylbenzene	13.075	119	149641	22.72	ug/l		97
84) 1,2,4-Trimethylbenzene	13.117	105	177577	23.01	ug/l		98
85) sec-Butylbenzene	13.251	105	206350	22.78	ug/l		98
86) p-Isopropyltoluene	13.367	119	193711	22.71	ug/l		97
87) 1,3-Dichlorobenzene	13.361	146	95699	22.59	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	96039	23.11	ug/l		99
89) n-Butylbenzene	13.697	91	184468	22.77	ug/l		99
90) Hexachloroethane	13.959	117	35956	23.27	ug/l		94
91) 1,2-Dichlorobenzene	13.739	146	84604	22.83	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7869	21.90	ug/l		83
93) 1,2,4-Trichlorobenzene	15.001	180	61961	22.69	ug/l		99
94) Hexachlorobutadiene	15.111	225	40653	22.51	ug/l		97
95) Naphthalene	15.233	128	112467	21.86	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	52902	22.00	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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