Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
Data File : VY004545.D
Acq On : 21 Apr 2021 11:06
Operator : SY/MD
Sample : VY0421SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Manual Integrations APPROVED
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4/22/2021 5:27:32 PM

Quant Time: Apr 22 11:13:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	149445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87456	52.67	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.34%			
35) Dibromofluoromethane	7.722	113	70129	52.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.52%			
50) Toluene-d8	10.185	98	292127	51.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.32%			
62) 4-Bromofluorobenzene	12.483	95	96555	50.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	26642	19.24	ug/l	99
3) Chloromethane	2.119	50	40364	20.16	ug/l	98
4) Vinyl Chloride	2.259	62	53566	25.33	ug/l	95
5) Bromomethane	2.650	94	23346	22.63	ug/l	99
6) Chloroethane	2.802	64	26827	21.16	ug/l	95
7) Trichlorofluoromethane	3.131	101	54912	20.76	ug/l	98
8) Diethyl Ether	3.534	74	18220	20.38	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	30570	20.84	ug/l	98
10) Methyl Iodide	4.101	142	31563	17.98	ug/l	98
11) Tert butyl alcohol	4.978	59	17520	107.07	ug/l	98
12) 1,1-Dichloroethene	3.881	96	29072	20.04	ug/l	97
13) Acrolein	3.735	56	17222	94.67	ug/l	98
14) Allyl chloride	4.491	41	56416	20.33	ug/l	98
15) Acrylonitrile	5.180	53	50751	105.83	ug/l	99
16) Acetone	3.960	43	38390	97.18	ug/l	97
17) Carbon Disulfide	4.204	76	88965	19.92	ug/l	100
18) Methyl Acetate	4.485	43	23182	20.04	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	89808	20.60	ug/l	100
20) Methylene Chloride	4.728	84	36736	22.91	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	33162	20.20	ug/l	97
22) Diisopropyl ether	6.131	45	120874	20.61	ug/l	97
23) Vinyl Acetate	6.070	43	415478	104.07	ug/l	99
24) 1,1-Dichloroethane	6.033	63	61741	20.61	ug/l	99
25) 2-Butanone	6.996	43	65836	104.09	ug/l	96
26) 2,2-Dichloropropane	6.990	77	56129	20.88	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	37079	20.19	ug/l	98
28) Bromochloromethane	7.338	49	27269	20.03	ug/l	100
29) Tetrahydrofuran	7.356	42	46526	102.96	ug/l	99
30) Chloroform	7.515	83	61148	20.77	ug/l	94
31) Cyclohexane	7.789	56	59189	19.44	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	54959	20.58	ug/l	99
36) 1,1-Dichloropropene	7.923	75	48299	20.29	ug/l	99
37) Ethyl Acetate	7.088	43	33566	21.90	ug/l	98
38) Carbon Tetrachloride	7.905	117	44691	21.72	ug/l	96
39) Methylcyclohexane	9.185	83	58050	19.81	ug/l	97
40) Benzene	8.167	78	137919	20.62	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	16698m	17.98	ug/l		
42) 1,2-Dichloroethane	8.246	62	44522	21.22	ug/l		98
43) Isopropyl Acetate	8.277	43	61715	21.24	ug/l		100
44) Trichloroethene	8.941	130	37438	20.53	ug/l		95
45) 1,2-Dichloropropane	9.222	63	36067	20.89	ug/l		98
46) Dibromomethane	9.313	93	19534	20.78	ug/l		98
47) Bromodichloromethane	9.502	83	48092	21.14	ug/l		99
48) Methyl methacrylate	9.295	41	28368	21.20	ug/l		99
49) 1,4-Dioxane	9.307	88	5143	418.98	ug/l		95
51) 4-Methyl-2-Pentanone	10.075	43	162024	108.55	ug/l		98
52) Toluene	10.246	92	86692	20.03	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	52428	20.89	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	57791	20.28	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	27758	21.43	ug/l		96
56) Ethyl methacrylate	10.514	69	38615	20.56	ug/l		99
57) 1,3-Dichloropropane	10.794	76	48911	21.16	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	98318	102.32	ug/l		100
59) 2-Hexanone	10.837	43	107796	107.73	ug/l		98
60) Dibromochloromethane	10.990	129	32542	21.14	ug/l		100
61) 1,2-Dibromoethane	11.093	107	26432	21.17	ug/l		98
64) Tetrachloroethene	10.721	164	39418	20.92	ug/l		96
65) Chlorobenzene	11.520	112	89216	20.20	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	32769	20.78	ug/l		99
67) Ethyl Benzene	11.593	91	164457	19.90	ug/l		99
68) m/p-Xylenes	11.703	106	121718	39.63	ug/l		100
69) o-Xylene	12.032	106	57148	19.86	ug/l		99
70) Styrene	12.044	104	93239	19.56	ug/l		98
71) Bromoform	12.215	173	18895	20.20	ug/l	#	99
73) Isopropylbenzene	12.331	105	155744	20.16	ug/l		100
74) N-amyl acetate	12.148	43	53963	20.75	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	30554	20.91	ug/l		97
76) 1,2,3-Trichloropropane	12.636	75	23183m	21.61	ug/l		
77) Bromobenzene	12.611	156	35337	20.41	ug/l		98
78) n-propylbenzene	12.672	91	185057	20.28	ug/l		99
79) 2-Chlorotoluene	12.758	91	101412	20.32	ug/l		100
80) 1,3,5-Trimethylbenzene	12.818	105	129035	20.55	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	12276	20.47	ug/l		98
82) 4-Chlorotoluene	12.855	91	106673	20.24	ug/l		99
83) tert-Butylbenzene	13.081	119	108335	20.16	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	126322	19.94	ug/l		99
85) sec-Butylbenzene	13.257	105	151710	20.24	ug/l		100
86) p-Isopropyltoluene	13.373	119	136272	19.99	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	66512	20.57	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	66133	20.32	ug/l		99
89) n-Butylbenzene	13.702	91	130973	20.12	ug/l		99
90) Hexachloroethane	13.965	117	20578	22.49	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	58863	20.51	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5336	20.35	ug/l		95
93) 1,2,4-Trichlorobenzene	15.013	180	38413	20.24	ug/l		100
94) Hexachlorobutadiene	15.117	225	19917	20.10	ug/l		100
95) Naphthalene	15.239	128	81789	19.82	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	33587	20.06	ug/l		100

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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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