Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
Data File : VY004155.D
Acq On : 22 Mar 2021 11:44
Operator : SY/MD
Sample : VY0322SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0322SBSD01

Manual Integrations APPROVED
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3/23/2021 4:08:55 PM

Quant Time: Mar 23 01:08:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	191420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	273098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92458	48.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.88%			
35) Dibromofluoromethane	7.728	113	86162	50.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.36%			
50) Toluene-d8	10.185	98	321173	48.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.38%			
62) 4-Bromofluorobenzene	12.483	95	118733	48.23	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	36053	24.71	ug/l	100
3) Chloromethane	2.119	50	43272	21.24	ug/l	99
4) Vinyl Chloride	2.259	62	48518	20.97	ug/l	98
5) Bromomethane	2.650	94	34931	23.63	ug/l	97
6) Chloroethane	2.802	64	29772	21.13	ug/l	98
7) Trichlorofluoromethane	3.137	101	66924	21.77	ug/l	98
8) Diethyl Ether	3.540	74	20551	20.85	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.911	101	37110	21.58	ug/l	98
10) Methyl Iodide	4.107	142	37012	21.06	ug/l	99
11) Tert butyl alcohol	4.978	59	18170	106.39	ug/l	97
12) 1,1-Dichloroethene	3.887	96	34460	20.48	ug/l	96
13) Acrolein	3.747	56	12993	76.69	ug/l	98
14) Allyl chloride	4.497	41	52182	18.75	ug/l #	89
15) Acrylonitrile	5.180	53	50986	104.10	ug/l	98
16) Acetone	3.960	43	42935	94.16	ug/l	95
17) Carbon Disulfide	4.204	76	97813	19.77	ug/l	98
18) Methyl Acetate	4.491	43	22268	19.77	ug/l	94
19) Methyl tert-butyl Ether	5.240	73	103241	21.54	ug/l	96
20) Methylene Chloride	4.734	84	43300	20.66	ug/l	90
21) trans-1,2-Dichloroethene	5.240	96	39357	20.81	ug/l	93
22) Diisopropyl ether	6.137	45	114524	19.49	ug/l	95
23) Vinyl Acetate	6.076	43	384920	99.52	ug/l	95
24) 1,1-Dichloroethane	6.033	63	66358	20.34	ug/l	98
25) 2-Butanone	7.002	43	66327	100.91	ug/l	93
26) 2,2-Dichloropropane	6.996	77	62017	19.90	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	45121	20.96	ug/l	92
28) Bromochloromethane	7.350	49	29884	20.98	ug/l	87
29) Tetrahydrofuran	7.356	42	43272	101.34	ug/l	92
30) Chloroform	7.521	83	72321	21.39	ug/l	99
31) Cyclohexane	7.795	56	64181	19.37	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	66303	21.14	ug/l	99
36) 1,1-Dichloropropene	7.929	75	54852	20.71	ug/l	96
37) Ethyl Acetate	7.088	43	29702	20.82	ug/l	97
38) Carbon Tetrachloride	7.911	117	59423	21.15	ug/l	93
39) Methylcyclohexane	9.191	83	70527	20.61	ug/l	91
40) Benzene	8.173	78	156590	20.99	ug/l	95

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41) Methacrylonitrile	7.325	41	17531m	19.83	ug/l		
42) 1,2-Dichloroethane	8.246	62	49418	21.67	ug/l		98
43) Isopropyl Acetate	8.283	43	58090	20.29	ug/l	#	96
44) Trichloroethene	8.947	130	48036	22.23	ug/l		99
45) 1,2-Dichloropropane	9.221	63	38177	20.49	ug/l		99
46) Dibromomethane	9.313	93	23142	21.73	ug/l		98
47) Bromodichloromethane	9.502	83	55292	20.80	ug/l		99
48) Methyl methacrylate	9.295	41	26483	19.47	ug/l	#	89
49) 1,4-Dioxane	9.307	88	6158	454.21	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	150381	103.72	ug/l		97
52) Toluene	10.246	92	101667	21.04	ug/l		97
53) t-1,3-Dichloropropene	10.471	75	57660	20.56	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	64963	20.67	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	32306	21.57	ug/l		99
56) Ethyl methacrylate	10.514	69	43142	20.61	ug/l		93
57) 1,3-Dichloropropane	10.794	76	55677	21.71	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	105593	119.28	ug/l		93
59) 2-Hexanone	10.837	43	103405	101.51	ug/l		97
60) Dibromochloromethane	10.989	129	41728	22.19	ug/l		98
61) 1,2-Dibromoethane	11.093	107	31932	21.89	ug/l		98
64) Tetrachloroethene	10.721	164	54116	23.67	ug/l		95
65) Chlorobenzene	11.520	112	111406	21.29	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	42492	21.70	ug/l		99
67) Ethyl Benzene	11.599	91	199408	20.75	ug/l		97
68) m/p-Xylenes	11.703	106	154427	42.14	ug/l		94
69) o-Xylene	12.032	106	73299	21.16	ug/l		94
70) Styrene	12.050	104	122570	20.66	ug/l		98
71) Bromoform	12.209	173	25665	21.91	ug/l	#	99
73) Isopropylbenzene	12.331	105	199940	20.12	ug/l		99
74) N-amyl acetate	12.148	43	52519	18.46	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	32969	19.10	ug/l		97
76) 1,2,3-Trichloropropane	12.636	75	26047m	19.00	ug/l		
77) Bromobenzene	12.611	156	48512	21.13	ug/l		97
78) n-propylbenzene	12.672	91	234938	20.07	ug/l		97
79) 2-Chlorotoluene	12.757	91	129584	19.72	ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	168619	20.01	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.379	75	13209	19.02	ug/l		97
82) 4-Chlorotoluene	12.855	91	137349	19.75	ug/l		95
83) tert-Butylbenzene	13.074	119	147224	20.31	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	174042	20.62	ug/l		98
85) sec-Butylbenzene	13.257	105	206186	20.62	ug/l		99
86) p-Isopropyltoluene	13.373	119	191694	20.68	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	93093	21.01	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	94580	21.39	ug/l		98
89) n-Butylbenzene	13.696	91	178320	20.22	ug/l		99
90) Hexachloroethane	13.965	117	33282	19.98	ug/l		84
91) 1,2-Dichlorobenzene	13.739	146	85368	21.72	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6734	20.65	ug/l		94
93) 1,2,4-Trichlorobenzene	15.007	180	57981	21.75	ug/l		97
94) Hexachlorobutadiene	15.111	225	31386	21.01	ug/l		99
95) Naphthalene	15.239	128	115716	21.91	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	49526	22.10	ug/l		99

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

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