Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
Data File : VY004546.D
Acq On : 21 Apr 2021 11:29
Operator : SY/MD
Sample : VY0421SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

Manual Integrations APPROVED
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4/22/2021 5:27:33 PM

Quant Time: Apr 22 11:14:22 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	7.801	168	147993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90203	54.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.72%			
35) Dibromofluoromethane	7.728	113	70532	52.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.66%			
50) Toluene-d8	10.185	98	295027	51.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.90%			
62) 4-Bromofluorobenzene	12.483	95	98784	51.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	27123	19.78	ug/l	98
3) Chloromethane	2.119	50	40666	20.51	ug/l	96
4) Vinyl Chloride	2.259	62	54769	26.16	ug/l	99
5) Bromomethane	2.650	94	23121	22.63	ug/l	93
6) Chloroethane	2.796	64	26991	21.50	ug/l	98
7) Trichlorofluoromethane	3.131	101	55574	21.22	ug/l	98
8) Diethyl Ether	3.540	74	18826	21.27	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	30644	21.09	ug/l	99
10) Methyl Iodide	4.101	142	33027	19.00	ug/l	97
11) Tert butyl alcohol	4.972	59	17979	110.95	ug/l	99
12) 1,1-Dichloroethene	3.881	96	30050	20.92	ug/l	98
13) Acrolein	3.741	56	16942	94.05	ug/l	100
14) Allyl chloride	4.497	41	58245	21.20	ug/l	99
15) Acrylonitrile	5.173	53	51831	109.14	ug/l	98
16) Acetone	3.960	43	40205	103.97	ug/l	99
17) Carbon Disulfide	4.204	76	89247	20.18	ug/l	98
18) Methyl Acetate	4.491	43	25116	21.93	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	91948	21.30	ug/l	99
20) Methylene Chloride	4.728	84	37880	23.85	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	33894	20.85	ug/l	96
22) Diisopropyl ether	6.137	45	123666	21.29	ug/l	97
23) Vinyl Acetate	6.076	43	422453	106.86	ug/l	99
24) 1,1-Dichloroethane	6.027	63	63305	21.34	ug/l	98
25) 2-Butanone	7.002	43	70072	111.87	ug/l	94
26) 2,2-Dichloropropane	6.990	77	57096	21.45	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	37942	20.86	ug/l	100
28) Bromochloromethane	7.344	49	26377	19.56	ug/l	98
29) Tetrahydrofuran	7.362	42	48389	108.13	ug/l	99
30) Chloroform	7.515	83	61831	21.21	ug/l	98
31) Cyclohexane	7.789	56	61162	20.29	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	55762	21.08	ug/l	99
36) 1,1-Dichloropropene	7.929	75	49944	20.89	ug/l	99
37) Ethyl Acetate	7.082	43	33405	21.70	ug/l	98
38) Carbon Tetrachloride	7.911	117	43891	21.24	ug/l	98
39) Methylcyclohexane	9.191	83	57921	19.68	ug/l	98
40) Benzene	8.167	78	141511	21.06	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	16645m	17.84	ug/l		
42) 1,2-Dichloroethane	8.246	62	45357	21.52	ug/l		99
43) Isopropyl Acetate	8.283	43	63355	21.71	ug/l		100
44) Trichloroethene	8.947	130	38230	20.87	ug/l		92
45) 1,2-Dichloropropane	9.222	63	37382	21.56	ug/l		98
46) Dibromomethane	9.313	93	20136	21.33	ug/l		99
47) Bromodichloromethane	9.502	83	49976	21.87	ug/l		99
48) Methyl methacrylate	9.295	41	29328	21.82	ug/l		98
49) 1,4-Dioxane	9.307	88	5570	451.78	ug/l		95
51) 4-Methyl-2-Pentanone	10.075	43	164835	109.95	ug/l		100
52) Toluene	10.246	92	87572	20.14	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	53066	21.05	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	59832	20.90	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	27998	21.52	ug/l		96
56) Ethyl methacrylate	10.514	69	39045	20.70	ug/l		96
57) 1,3-Dichloropropane	10.794	76	49056	21.13	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	99485	103.08	ug/l		99
59) 2-Hexanone	10.837	43	110903	110.35	ug/l		99
60) Dibromochloromethane	10.990	129	33459	21.64	ug/l		99
61) 1,2-Dibromoethane	11.093	107	27171	21.67	ug/l		98
64) Tetrachloroethene	10.721	164	40653	21.25	ug/l		99
65) Chlorobenzene	11.520	112	91787	20.47	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33339	20.83	ug/l		99
67) Ethyl Benzene	11.593	91	168010	20.02	ug/l		96
68) m/p-Xylenes	11.703	106	125627	40.29	ug/l		100
69) o-Xylene	12.032	106	58430	20.00	ug/l		99
70) Styrene	12.044	104	96113	19.86	ug/l		98
71) Bromoform	12.209	173	19079	20.10	ug/l	#	98
73) Isopropylbenzene	12.331	105	159382	19.98	ug/l		100
74) N-amyl acetate	12.148	43	55997	20.85	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	30334	20.10	ug/l		96
76) 1,2,3-Trichloropropane	12.636	75	24006m	21.67	ug/l		
77) Bromobenzene	12.611	156	36908	20.64	ug/l		99
78) n-propylbenzene	12.672	91	193031	20.49	ug/l		100
79) 2-Chlorotoluene	12.758	91	105204	20.41	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	132525	20.44	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	12711	20.52	ug/l		98
82) 4-Chlorotoluene	12.855	91	110118	20.24	ug/l		100
83) tert-Butylbenzene	13.075	119	113341	20.42	ug/l		100
84) 1,2,4-Trimethylbenzene	13.123	105	135359	20.69	ug/l		99
85) sec-Butylbenzene	13.257	105	156545	20.22	ug/l		99
86) p-Isopropyltoluene	13.373	119	141563	20.11	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	68652	20.56	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	67618	20.12	ug/l		98
89) n-Butylbenzene	13.696	91	136513	20.31	ug/l		99
90) Hexachloroethane	13.965	117	20258	21.44	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	60110	20.28	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5791	21.38	ug/l		94
93) 1,2,4-Trichlorobenzene	15.013	180	39483	20.14	ug/l		99
94) Hexachlorobutadiene	15.117	225	20635	20.17	ug/l		98
95) Naphthalene	15.239	128	86013	20.19	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	35290	20.41	ug/l		100

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

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