Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
Data File : VY005419.D
Acq On : 23 Jul 2021 16:39
Operator : SY/MD
Sample : VY0723SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:20:27 PM

Quant Time: Jul 24 03:00:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	276040	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	404301	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	370110	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200442	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	148814	50.46	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.92%				
35) Dibromofluoromethane	7.728	113	118137	50.61	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.22%				
50) Toluene-d8	10.185	98	503875	50.93	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.86%				
62) 4-Bromofluorobenzene	12.483	95	165263	50.61	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	58614	23.46	ug/l		99
3) Chloromethane	2.119	50	65884	21.51	ug/l		99
4) Vinyl Chloride	2.259	62	78733	21.58	ug/l		97
5) Bromomethane	2.650	94	60552	22.71	ug/l		99
6) Chloroethane	2.796	64	48963	21.37	ug/l		98
7) Trichlorofluoromethane	3.131	101	104042	21.81	ug/l		100
8) Diethyl Ether	3.534	74	37122	22.11	ug/l		100
9) 1,1,2-Trichlorotrifluo...	3.905	101	57549	22.20	ug/l		98
10) Methyl Iodide	4.101	142	56637	19.25	ug/l		96
11) Tert butyl alcohol	4.972	59	30468	109.37	ug/l	#	86
12) 1,1-Dichloroethene	3.875	96	57725	21.87	ug/l		99
13) Acrolein	3.741	56	27436	107.55	ug/l		98
14) Allyl chloride	4.491	41	99753	21.12	ug/l		98
15) Acrylonitrile	5.180	53	90061	108.00	ug/l		99
16) Acetone	3.966	43	72765	108.04	ug/l		98
17) Carbon Disulfide	4.204	76	189151	21.67	ug/l		99
18) Methyl Acetate	4.491	43	41040	21.68	ug/l		98
19) Methyl tert-butyl Ether	5.228	73	171228	21.50	ug/l		96
20) Methylene Chloride	4.729	84	108170	28.14	ug/l		98
21) trans-1,2-Dichloroethene	5.235	96	63094	21.28	ug/l		99
22) Diisopropyl ether	6.131	45	207507	22.64	ug/l		93
23) Vinyl Acetate	6.070	43	682471	113.19	ug/l		100
24) 1,1-Dichloroethane	6.027	63	114714	22.70	ug/l		100
25) 2-Butanone	6.996	43	114496	113.53	ug/l		97
26) 2,2-Dichloropropane	6.990	77	101840	22.16	ug/l		100
27) cis-1,2-Dichloroethene	6.996	96	71937	22.68	ug/l		98
28) Bromochloromethane	7.344	49	51487	25.31	ug/l		96
29) Tetrahydrofuran	7.356	42	77338	115.80	ug/l		100
30) Chloroform	7.515	83	103786	20.76	ug/l		99
31) Cyclohexane	7.795	56	99486	19.76	ug/l		97
32) 1,1,1-Trichloroethane	7.710	97	92826	20.06	ug/l		99
36) 1,1-Dichloropropene	7.923	75	77286	19.77	ug/l		98
37) Ethyl Acetate	7.082	43	54249	22.80	ug/l		99
38) Carbon Tetrachloride	7.911	117	84909	19.88	ug/l		95
39) Methylcyclohexane	9.191	83	97489	19.45	ug/l		100
40) Benzene	8.167	78	222202	19.78	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	27390m	21.96	ug/l		
42) 1,2-Dichloroethane	8.246	62	73281	20.16	ug/l		100
43) Isopropyl Acetate	8.283	43	85489	19.84	ug/l		99
44) Trichloroethene	8.947	130	59817	19.63	ug/l		93
45) 1,2-Dichloropropane	9.222	63	53693	19.41	ug/l		98
46) Dibromomethane	9.313	93	30121	19.78	ug/l		97
47) Bromodichloromethane	9.502	83	76800	20.07	ug/l		98
48) Methyl methacrylate	9.301	41	39497	19.71	ug/l		99
49) 1,4-Dioxane	9.313	88	8838	411.53	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.075	43	231086	101.01	ug/l		99
52) Toluene	10.246	92	142137	19.92	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	84237	19.68	ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	91940	19.54	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	43510	19.91	ug/l		96
56) Ethyl methacrylate	10.514	69	65337	19.80	ug/l		99
57) 1,3-Dichloropropane	10.794	76	77801	20.02	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	152479	96.64	ug/l		99
59) 2-Hexanone	10.837	43	160381	100.02	ug/l		100
60) Dibromochloromethane	10.990	129	53122	19.91	ug/l		100
61) 1,2-Dibromoethane	11.093	107	40011	19.35	ug/l		99
64) Tetrachloroethene	10.721	164	56088	20.06	ug/l		96
65) Chlorobenzene	11.520	112	151258	19.95	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	56653	20.01	ug/l		99
67) Ethyl Benzene	11.599	91	272277	19.73	ug/l		100
68) m/p-Xylenes	11.709	106	212592	39.67	ug/l		99
69) o-Xylene	12.032	106	101141	19.84	ug/l		100
70) Styrene	12.050	104	172240	19.90	ug/l		100
71) Bromoform	12.215	173	36829	20.35	ug/l	#	100
73) Isopropylbenzene	12.331	105	267834	19.38	ug/l		100
74) N-amyl acetate	12.148	43	80576	19.15	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	51347	19.46	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	38758m	19.65	ug/l		
77) Bromobenzene	12.611	156	66960	19.78	ug/l		97
78) n-propylbenzene	12.672	91	324727	19.47	ug/l		99
79) 2-Chlorotoluene	12.758	91	182034	19.43	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	225960	19.57	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	19516	19.21	ug/l		99
82) 4-Chlorotoluene	12.861	91	188778	19.47	ug/l		99
83) tert-Butylbenzene	13.081	119	199782	19.43	ug/l		100
84) 1,2,4-Trimethylbenzene	13.123	105	225978	19.51	ug/l		99
85) sec-Butylbenzene	13.257	105	292441	19.72	ug/l		100
86) p-Isopropyltoluene	13.373	119	250407	19.61	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	129723	19.54	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	130132	19.78	ug/l		100
89) n-Butylbenzene	13.703	91	231670	19.76	ug/l		98
90) Hexachloroethane	13.965	117	44005	19.17	ug/l		97
91) 1,2-Dichlorobenzene	13.745	146	116986	19.73	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9689	18.93	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	82167	20.09	ug/l		99
94) Hexachlorobutadiene	15.117	225	52003	20.06	ug/l		98
95) Naphthalene	15.239	128	159373	19.37	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	73044	19.81	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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