Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
Data File : VY006419.D
Acq On : 19 Oct 2021 11:27
Operator : SY/MD
Sample : VY1019SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBSD01

Manual Integrations APPROVED
MMDadoda
10/20/2021 5:49:15 PM

Quant Time: Oct 20 03:14:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	130161	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	198229	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	183479	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97341	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.148	65	64297	46.15	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.30%				
35) Dibromofluoromethane	7.722	113	48662	45.95	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.90%				
50) Toluene-d8	10.185	98	198045	44.68	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.36%				
62) 4-Bromofluorobenzene	12.483	95	70089	46.55	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	26469	20.05	ug/l		98
3) Chloromethane	2.119	50	32283	20.99	ug/l		97
4) Vinyl Chloride	2.259	62	37566	22.04	ug/l		96
5) Bromomethane	2.649	94	26565	23.98	ug/l		97
6) Chloroethane	2.796	64	22984	22.92	ug/l		95
7) Trichlorofluoromethane	3.131	101	49016	21.83	ug/l		92
8) Diethyl Ether	3.540	74	15339	20.69	ug/l		96
9) 1,1,2-Trichlorotrifluo...	3.905	101	25041	20.90	ug/l		97
10) Methyl Iodide	4.100	142	24185	18.52	ug/l		96
11) Tert butyl alcohol	4.966	59	13278	108.96	ug/l	#	89
12) 1,1-Dichloroethene	3.881	96	25338	20.78	ug/l		85
13) Acrolein	3.729	56	3470	55.69	ug/l		100
14) Allyl chloride	4.484	41	49614	21.16	ug/l		98
15) Acrylonitrile	5.173	53	41091	105.36	ug/l		100
16) Acetone	3.954	43	40714	104.64	ug/l		96
17) Carbon Disulfide	4.204	76	81298	19.94	ug/l		99
18) Methyl Acetate	4.484	43	27639	21.07	ug/l		99
19) Methyl tert-butyl Ether	5.234	73	75270	21.14	ug/l		98
20) Methylene Chloride	4.728	84	36662	25.50	ug/l		90
21) trans-1,2-Dichloroethene	5.228	96	28498	21.09	ug/l		96
22) Diisopropyl ether	6.131	45	101469	21.88	ug/l		96
23) Vinyl Acetate	6.070	43	287279	103.34	ug/l		95
24) 1,1-Dichloroethane	6.027	63	53510	21.49	ug/l		97
25) 2-Butanone	6.996	43	55730	102.82	ug/l		94
26) 2,2-Dichloropropane	6.990	77	51191	22.48	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	32587	21.53	ug/l		95
28) Bromochloromethane	7.344	49	23016	22.20	ug/l	#	97
29) Tetrahydrofuran	7.356	42	34665	101.25	ug/l		97
30) Chloroform	7.514	83	54901	22.10	ug/l		100
31) Cyclohexane	7.789	56	52210	19.78	ug/l		97
32) 1,1,1-Trichloroethane	7.710	97	52426	22.86	ug/l		99
36) 1,1-Dichloropropene	7.923	75	42644	21.62	ug/l		100
37) Ethyl Acetate	7.075	43	23756	20.68	ug/l		98
38) Carbon Tetrachloride	7.905	117	47323	22.72	ug/l		93
39) Methylcyclohexane	9.191	83	50206	20.27	ug/l		97
40) Benzene	8.167	78	121211	21.66	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	14458m	19.40	ug/l		
42) 1,2-Dichloroethane	8.246	62	41609	23.08	ug/l	#	79
43) Isopropyl Acetate	8.277	43	45886	20.82	ug/l		96
44) Trichloroethene	8.941	130	32335	22.37	ug/l		95
45) 1,2-Dichloropropane	9.221	63	29687	21.55	ug/l		95
46) Dibromomethane	9.313	93	15632	21.31	ug/l		94
47) Bromodichloromethane	9.502	83	42936	22.73	ug/l		98
48) Methyl methacrylate	9.295	41	21945	20.76	ug/l		96
49) 1,4-Dioxane	9.301	88	3904	407.94	ug/l		95
51) 4-Methyl-2-Pentanone	10.075	43	120569	105.37	ug/l		99
52) Toluene	10.246	92	76340	22.00	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	44076	21.40	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	49017	21.65	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	21772	21.09	ug/l		97
56) Ethyl methacrylate	10.508	69	32516	20.73	ug/l		96
57) 1,3-Dichloropropane	10.794	76	39745	21.28	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	78563	102.21	ug/l		98
59) 2-Hexanone	10.837	43	85839	105.33	ug/l		98
60) Dibromochloromethane	10.989	129	27770	22.15	ug/l		99
61) 1,2-Dibromoethane	11.093	107	20499	20.98	ug/l		99
64) Tetrachloroethene	10.721	164	36546	24.73	ug/l		97
65) Chlorobenzene	11.520	112	80243	22.07	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30038	22.42	ug/l		99
67) Ethyl Benzene	11.593	91	148140	21.62	ug/l		100
68) m/p-Xylenes	11.703	106	114526	44.04	ug/l		97
69) o-Xylene	12.032	106	54240	22.09	ug/l		97
70) Styrene	12.044	104	92277	22.12	ug/l		99
71) Bromoform	12.209	173	18475	22.17	ug/l	#	97
73) Isopropylbenzene	12.331	105	146583	21.02	ug/l		100
74) N-amyl acetate	12.148	43	42186	19.49	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.581	83	22681	18.01	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	17117m	18.09	ug/l		
77) Bromobenzene	12.611	156	35081	21.46	ug/l		92
78) n-propylbenzene	12.672	91	178916	20.85	ug/l		98
79) 2-Chlorotoluene	12.757	91	99758	21.00	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	123634	21.21	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.379	75	9396	19.52	ug/l		99
82) 4-Chlorotoluene	12.855	91	102318	20.83	ug/l		98
83) tert-Butylbenzene	13.074	119	110304	22.13	ug/l		96
84) 1,2,4-Trimethylbenzene	13.123	105	122608	21.30	ug/l		100
85) sec-Butylbenzene	13.257	105	159666	21.20	ug/l		99
86) p-Isopropyltoluene	13.373	119	136279	21.44	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	69162	21.35	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	69786	21.85	ug/l		98
89) n-Butylbenzene	13.696	91	126944	21.02	ug/l		99
90) Hexachloroethane	13.965	117	24768	21.46	ug/l		98
91) 1,2-Dichlorobenzene	13.739	146	60668	21.42	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4672	19.47	ug/l		93
93) 1,2,4-Trichlorobenzene	15.007	180	40072	21.41	ug/l		99
94) Hexachlorobutadiene	15.111	225	26706	21.87	ug/l		100
95) Naphthalene	15.239	128	71679	19.28	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	35139	21.18	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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