Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
Data File : VY006089.D
Acq On : 20 Sep 2021 11:45
Operator : SY/MD
Sample : VY0920SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Manual Integrations APPROVED
MMDadoda
9/21/2021 6:58:54 PM

Quant Time: Sep 21 02:09:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	147815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90199	43.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 87.860%			
35) Dibromofluoromethane	7.728	113	64437	46.857	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.720%			
50) Toluene-d8	10.185	98	280432	47.847	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.700%			
62) 4-Bromofluorobenzene	12.483	95	94985	47.733	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	29259	18.738	ug/l	98
3) Chloromethane	2.113	50	35295	18.177	ug/l	98
4) Vinyl Chloride	2.259	62	40043	18.265	ug/l	99
5) Bromomethane	2.662	94	29648	20.844	ug/l	98
6) Chloroethane	2.802	64	27797	21.142	ug/l	98
7) Trichlorofluoromethane	3.131	101	57107	19.982	ug/l	94
8) Diethyl Ether	3.540	74	18285	19.462	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	28208	19.769	ug/l	96
10) Methyl Iodide	4.100	142	28200	18.669	ug/l	97
11) Tert butyl alcohol	5.027	59	13284m	1.488	ug/l	
12) 1,1-Dichloroethene	3.881	96	28399	19.242	ug/l	93
13) Acrolein	3.741	56	8521	69.067	ug/l	96
14) Allyl chloride	4.491	41	53984	17.135	ug/l	98
15) Acrylonitrile	5.180	53	45049	84.177	ug/l	99
16) Acetone	3.979	43	44229	78.537	ug/l	92
17) Carbon Disulfide	4.204	76	94132	19.098	ug/l	100
18) Methyl Acetate	4.497	43	22648	15.965	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	85504	17.970	ug/l	97
20) Methylene Chloride	4.722	84	37937	18.679	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	31076	18.777	ug/l	93
22) Diisopropyl ether	6.131	45	105034	17.157	ug/l	95
23) Vinyl Acetate	6.070	43	328653	85.080	ug/l	97
24) 1,1-Dichloroethane	6.033	63	56750	18.093	ug/l	97
25) 2-Butanone	7.002	43	59108	76.151	ug/l	92
26) 2,2-Dichloropropane	6.990	77	55190	18.574	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	34830	18.864	ug/l	97
28) Bromochloromethane	7.344	49	22492	16.324	ug/l	91
29) Tetrahydrofuran	7.362	42	38749	79.430	ug/l	96
30) Chloroform	7.515	83	59040	18.774	ug/l	100
31) Cyclohexane	7.795	56	59480	18.084	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	55826	18.906	ug/l	99
36) 1,1-Dichloropropene	7.923	75	45585	19.076	ug/l	99
37) Ethyl Acetate	7.082	43	27705	16.782	ug/l	99
38) Carbon Tetrachloride	7.905	117	50677	19.480	ug/l	99
39) Methylcyclohexane	9.185	83	56769	19.167	ug/l	96
40) Benzene	8.167	78	130456	19.037	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.325	41	17093	17.728 ug/l #	37
42) 1,2-Dichloroethane	8.240	62	44979	18.560 ug/l	98
43) Isopropyl Acetate	8.283	43	52903	17.204 ug/l	97
44) Trichloroethene	8.941	130	34072	19.952 ug/l	98
45) 1,2-Dichloropropane	9.222	63	30800	18.169 ug/l	93
46) Dibromomethane	9.313	93	17002	18.529 ug/l	95
47) Bromodichloromethane	9.502	83	44465	18.827 ug/l	97
48) Methyl methacrylate	9.295	41	23646	16.642 ug/l	94
49) 1,4-Dioxane	9.337	88	4293	339.019 ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	135709	82.785 ug/l	98
52) Toluene	10.246	92	82330	19.496 ug/l	96
53) t-1,3-Dichloropropene	10.465	75	48090	18.537 ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	52987	18.937 ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	23841	18.908 ug/l	96
56) Ethyl methacrylate	10.514	69	36354	18.036 ug/l	95
57) 1,3-Dichloropropane	10.794	76	43722	18.813 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	97586	92.480 ug/l	97
59) 2-Hexanone	10.837	43	97685	86.317 ug/l	99
60) Dibromochloromethane	10.989	129	29610	19.047 ug/l	97
61) 1,2-Dibromoethane	11.093	107	22623	18.996 ug/l	97
64) Tetrachloroethene	10.721	164	35350	21.150 ug/l	96
65) Chlorobenzene	11.520	112	84793	19.392 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	32028	19.652 ug/l	98
67) Ethyl Benzene	11.593	91	158552	19.076 ug/l	100
68) m/p-Xylenes	11.703	106	123000	39.028 ug/l	97
69) o-Xylene	12.032	106	57055	19.168 ug/l	99
70) Styrene	12.044	104	99121	19.438 ug/l	98
71) Bromoform	12.209	173	20126	19.723 ug/l #	100
73) Isopropylbenzene	12.331	105	154988	18.766 ug/l	100
74) N-amyl acetate	12.148	43	47934	16.807 ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	27277	17.751 ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20210m	17.973 ug/l	
77) Bromobenzene	12.611	156	37062	19.232 ug/l	94
78) n-propylbenzene	12.672	91	188253	18.423 ug/l	98
79) 2-Chlorotoluene	12.757	91	104766	18.857 ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	132030	19.276 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10801	17.659 ug/l	99
82) 4-Chlorotoluene	12.855	91	110424	19.228 ug/l	100
83) tert-Butylbenzene	13.074	119	115452	19.708 ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	129991	19.129 ug/l	98
85) sec-Butylbenzene	13.257	105	168870	19.256 ug/l	100
86) p-Isopropyltoluene	13.373	119	143783	19.205 ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	73811	19.860 ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	72705	19.503 ug/l	99
89) n-Butylbenzene	13.696	91	134319	19.185 ug/l	99
90) Hexachloroethane	13.965	117	25659	19.044 ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	65077	19.947 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5513	18.084 ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	44009	20.772 ug/l	99
94) Hexachlorobutadiene	15.111	225	28107	20.504 ug/l	97
95) Naphthalene	15.239	128	86213	20.460 ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	39141	21.319 ug/l	99

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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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