Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
Data File : VY011632.D
Acq On : 30 Nov 2022 11:45
Operator : KP/MD
Sample : VY1130SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1130SBS01

Quant Time: Dec 01 05:21:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	179231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	258267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101239	55.629	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.260%			
35) Dibromofluoromethane	7.722	113	99297	57.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.420%			
50) Toluene-d8	10.179	98	346997	55.497	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.483	95	131753	56.993	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	27843	25.374	ug/l	99
3) Chloromethane	2.119	50	36810	21.643	ug/l	95
4) Vinyl Chloride	2.253	62	40101	19.781	ug/l	96
5) Bromomethane	2.644	94	28164	19.312	ug/l	99
6) Chloroethane	2.796	64	26786	18.938	ug/l	97
7) Trichlorofluoromethane	3.131	101	66433	22.341	ug/l	95
8) Diethyl Ether	3.534	74	20521	21.353	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	37660	21.902	ug/l	95
10) Methyl Iodide	4.095	142	40085	20.009	ug/l	94
11) Tert butyl alcohol	4.942	59	31106	145.237	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	33871	21.504	ug/l	85
13) Acrolein	3.735	56	7943	165.526	ug/l	98
14) Allyl chloride	4.485	41	58877	21.294	ug/l	93
15) Acrylonitrile	5.161	53	56091	106.856	ug/l	98
16) Acetone	3.948	43	60725	102.726	ug/l	94
17) Carbon Disulfide	4.198	76	93958	21.524	ug/l	99
18) Methyl Acetate	4.479	43	32966	22.788	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	95363	21.215	ug/l	96
20) Methylene Chloride	4.716	84	61158	21.469	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	39158	21.514	ug/l	92
22) Diisopropyl ether	6.119	45	130427	21.610	ug/l	97
23) Vinyl Acetate	6.064	43	368062	104.690	ug/l	96
24) 1,1-Dichloroethane	6.021	63	76268	21.522	ug/l	100
25) 2-Butanone	6.990	43	82055	105.620	ug/l	91
26) 2,2-Dichloropropane	6.984	77	69482	21.244	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	45251	21.118	ug/l	96
28) Bromochloromethane	7.338	49	29134	20.465	ug/l	96
29) Tetrahydrofuran	7.350	42	46178	105.253	ug/l	95
30) Chloroform	7.509	83	78251	21.293	ug/l	100
31) Cyclohexane	7.789	56	63238	20.964	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	70574	21.467	ug/l	97
36) 1,1-Dichloropropene	7.917	75	57100	21.230	ug/l	99
37) Ethyl Acetate	7.076	43	32161	21.000	ug/l	98
38) Carbon Tetrachloride	7.905	117	62474	20.762	ug/l	97
39) Methylcyclohexane	9.185	83	63470	21.147	ug/l	95
40) Benzene	8.161	78	167712	21.407	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.314	41	18167m	23.461	ug/l		
42) 1,2-Dichloroethane	8.240	62	51397	21.213	ug/l		94
43) Isopropyl Acetate	8.277	43	56831	20.570	ug/l		93
44) Trichloroethene	8.941	130	44060	20.902	ug/l		94
45) 1,2-Dichloropropane	9.216	63	42971	21.458	ug/l		98
46) Dibromomethane	9.307	93	23100	20.630	ug/l		97
47) Bromodichloromethane	9.496	83	59463	21.083	ug/l		98
48) Methyl methacrylate	9.295	41	25208	20.541	ug/l	#	89
49) 1,4-Dioxane	9.301	88	5747	414.451	ug/l		91
51) 4-Methyl-2-Pentanone	10.075	43	155566	101.290	ug/l		94
52) Toluene	10.246	92	105011	21.196	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	58768	20.845	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	65873	20.770	ug/l	#	87
55) 1,1,2-Trichloroethane	10.648	97	33230	20.744	ug/l		96
56) Ethyl methacrylate	10.514	69	41618	20.889	ug/l	#	85
57) 1,3-Dichloropropane	10.795	76	57263	21.107	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.783	63	99744	102.224	ug/l		100
59) 2-Hexanone	10.837	43	113295	103.355	ug/l		93
60) Dibromochloromethane	10.990	129	41037	20.904	ug/l		99
61) 1,2-Dibromoethane	11.093	107	30193	20.649	ug/l		99
64) Tetrachloroethene	10.721	164	42486	19.963	ug/l		96
65) Chlorobenzene	11.520	112	111112	20.545	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42464	20.717	ug/l		97
67) Ethyl Benzene	11.593	91	198744	20.353	ug/l		99
68) m/p-Xylenes	11.703	106	154238	41.493	ug/l		98
69) o-Xylene	12.032	106	71723	20.724	ug/l		95
70) Styrene	12.044	104	121612	20.586	ug/l		97
71) Bromoform	12.209	173	25618	20.543	ug/l	#	99
73) Isopropylbenzene	12.331	105	195941	20.539	ug/l		99
74) N-amyl acetate	12.148	43	47743	20.266	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	38346	20.399	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	27194m	19.143	ug/l		
77) Bromobenzene	12.611	156	45901	20.606	ug/l		97
78) n-propylbenzene	12.672	91	242712	20.854	ug/l		100
79) 2-Chlorotoluene	12.758	91	135377	20.637	ug/l		99
80) 1,3,5-Trimethylbenzene	12.813	105	168842	20.996	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	13160	20.291	ug/l		90
82) 4-Chlorotoluene	12.855	91	141895	20.687	ug/l		99
83) tert-Butylbenzene	13.081	119	144845	20.679	ug/l		95
84) 1,2,4-Trimethylbenzene	13.123	105	166543	20.969	ug/l		100
85) sec-Butylbenzene	13.258	105	217515	20.813	ug/l		100
86) p-Isopropyltoluene	13.373	119	179425	20.571	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	91604	20.202	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	91208	20.116	ug/l		98
89) n-Butylbenzene	13.703	91	167059	20.836	ug/l		99
90) Hexachloroethane	13.965	117	36298	20.608	ug/l		88
91) 1,2-Dichlorobenzene	13.745	146	81272	20.219	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6320	20.500	ug/l		94
93) 1,2,4-Trichlorobenzene	15.007	180	44927	20.151	ug/l		99
94) Hexachlorobutadiene	15.117	225	29627	21.378	ug/l		97
95) Naphthalene	15.239	128	84263	20.599	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	38930	20.375	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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