Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004311.D
Acq On : 07 Apr 2021 13:27
Operator : SY/MD
Sample : VY0407SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Manual Integrations APPROVED
MMDadoda
4/8/2021 3:08:46 PM

Quant Time: Apr 08 00:59:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	172540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	248624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82681	49.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.70%			
35) Dibromofluoromethane	7.728	113	72784	46.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.68%			
50) Toluene-d8	10.185	98	282761	48.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.76%			
62) 4-Bromofluorobenzene	12.483	95	96260	48.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	26602	17.80	ug/l	95
3) Chloromethane	2.119	50	40689	20.17	ug/l	97
4) Vinyl Chloride	2.259	62	59625	26.52	ug/l	96
5) Bromomethane	2.650	94	21569	17.44	ug/l	98
6) Chloroethane	2.796	64	27868	19.12	ug/l	95
7) Trichlorofluoromethane	3.131	101	58300	19.96	ug/l	98
8) Diethyl Ether	3.534	74	19890	21.22	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.905	101	33422	21.01	ug/l	98
10) Methyl Iodide	4.101	142	36478	19.85	ug/l	100
11) Tert butyl alcohol	4.972	59	17042	126.26	ug/l	98
12) 1,1-Dichloroethene	3.881	96	32021	20.52	ug/l	94
13) Acrolein	3.741	56	14750	123.90	ug/l	97
14) Allyl chloride	4.491	41	60749	24.43	ug/l	94
15) Acrylonitrile	5.174	53	53653	120.25	ug/l	99
16) Acetone	3.960	43	39360	113.90	ug/l	97
17) Carbon Disulfide	4.204	76	84252	20.53	ug/l	100
18) Methyl Acetate	4.491	43	25898	23.42	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	98318	21.33	ug/l	96
20) Methylene Chloride	4.728	84	41624	23.23	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	36528	20.85	ug/l	92
22) Diisopropyl ether	6.131	45	134389	24.61	ug/l	96
23) Vinyl Acetate	6.076	43	433024	117.87	ug/l	96
24) 1,1-Dichloroethane	6.033	63	68096	22.89	ug/l	99
25) 2-Butanone	7.002	43	69129	119.75	ug/l	96
26) 2,2-Dichloropropane	6.990	77	62099	22.30	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	41486	20.91	ug/l	95
28) Bromochloromethane	7.344	49	31965	26.43	ug/l	92
29) Tetrahydrofuran	7.362	42	47680	117.23	ug/l	94
30) Chloroform	7.515	83	67541	21.33	ug/l	99
31) Cyclohexane	7.795	56	63994	21.83	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	60018	20.72	ug/l	98
36) 1,1-Dichloropropene	7.923	75	53084	20.85	ug/l	97
37) Ethyl Acetate	7.088	43	33211	22.24	ug/l	99
38) Carbon Tetrachloride	7.905	117	45477	20.54	ug/l	99
39) Methylcyclohexane	9.185	83	64630	20.50	ug/l	97
40) Benzene	8.167	78	152354	21.11	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	17329m	20.94	ug/l		
42) 1,2-Dichloroethane	8.246	62	46859	20.66	ug/l		100
43) Isopropyl Acetate	8.283	43	64968	22.98	ug/l		98
44) Trichloroethene	8.947	130	41937	18.25	ug/l		93
45) 1,2-Dichloropropane	9.222	63	40531	22.73	ug/l		100
46) Dibromomethane	9.313	93	21172	20.19	ug/l		95
47) Bromodichloromethane	9.502	83	52933	21.16	ug/l		99
48) Methyl methacrylate	9.295	41	29031	22.61	ug/l		97
49) 1,4-Dioxane	9.307	88	5300	349.44	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	162968	113.12	ug/l		97
52) Toluene	10.246	92	95483	20.58	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	57006	21.37	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	64668	21.70	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	29661	20.65	ug/l		97
56) Ethyl methacrylate	10.514	69	41627	21.12	ug/l		96
57) 1,3-Dichloropropane	10.794	76	52980	21.37	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	105906	125.59	ug/l		95
59) 2-Hexanone	10.837	43	109937	111.00	ug/l		97
60) Dibromochloromethane	10.990	129	35305	20.50	ug/l		100
61) 1,2-Dibromoethane	11.093	107	28664	20.22	ug/l		98
64) Tetrachloroethene	10.721	164	42434	17.35	ug/l		96
65) Chlorobenzene	11.520	112	100011	20.17	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36595	20.60	ug/l		98
67) Ethyl Benzene	11.599	91	186379	20.70	ug/l		99
68) m/p-Xylenes	11.703	106	138628	40.10	ug/l		98
69) o-Xylene	12.032	106	64675	19.99	ug/l		98
70) Styrene	12.050	104	106810	19.85	ug/l		98
71) Bromoform	12.209	173	20470	20.24	ug/l	#	99
73) Isopropylbenzene	12.331	105	179281	21.18	ug/l		98
74) N-amyl acetate	12.148	43	57862	23.39	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	33289	21.24	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	24416m	23.20	ug/l		
77) Bromobenzene	12.611	156	40693	20.53	ug/l		94
78) n-propylbenzene	12.672	91	212289	21.67	ug/l		98
79) 2-Chlorotoluene	12.758	91	114738	21.32	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	145650	21.09	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	12590	22.05	ug/l		98
82) 4-Chlorotoluene	12.855	91	119595	21.11	ug/l		98
83) tert-Butylbenzene	13.075	119	125976	21.11	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	148363	21.42	ug/l		99
85) sec-Butylbenzene	13.257	105	175492	21.36	ug/l		99
86) p-Isopropyltoluene	13.373	119	157873	20.66	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	76173	20.60	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	76910	21.05	ug/l		99
89) n-Butylbenzene	13.696	91	152145	21.65	ug/l		99
90) Hexachloroethane	13.965	117	20531	33.14	ug/l		97
91) 1,2-Dichlorobenzene	13.739	146	66787	20.12	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5574	19.06	ug/l		90
93) 1,2,4-Trichlorobenzene	15.007	180	45566	19.32	ug/l		99
94) Hexachlorobutadiene	15.117	225	23284	18.56	ug/l		100
95) Naphthalene	15.239	128	96227	19.23	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	39795	18.46	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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