Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
Data File : VY004384.D
Acq On : 12 Apr 2021 15:16
Operator : SY/MD
Sample : VY0412SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:09:43 PM

Quant Time: Apr 13 03:54:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	194264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	278338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117266	54.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.66%			
35) Dibromofluoromethane	7.728	113	95431	55.00	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.00%			
50) Toluene-d8	10.185	98	396867	53.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.56%			
62) 4-Bromofluorobenzene	12.483	95	130562	52.13	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	35208	19.56	ug/l	100
3) Chloromethane	2.125	50	52009	19.98	ug/l	99
4) Vinyl Chloride	2.259	62	53455	19.45	ug/l	98
5) Bromomethane	2.650	94	29137	21.73	ug/l	99
6) Chloroethane	2.796	64	34604	21.00	ug/l	94
7) Trichlorofluoromethane	3.131	101	70886	20.62	ug/l	96
8) Diethyl Ether	3.540	74	24177	20.81	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	39553	20.74	ug/l	100
10) Methyl Iodide	4.107	142	45232	19.82	ug/l	99
11) Tert butyl alcohol	4.984	59	21946	103.17	ug/l	100
12) 1,1-Dichloroethene	3.881	96	39499	20.95	ug/l	99
13) Acrolein	3.741	56	25206	106.60	ug/l	95
14) Allyl chloride	4.491	41	72075	19.98	ug/l	98
15) Acrylonitrile	5.180	53	64187	102.97	ug/l	97
16) Acetone	3.960	43	48666	94.25	ug/l	99
17) Carbon Disulfide	4.204	76	120442	20.74	ug/l	100
18) Methyl Acetate	4.491	43	30432	20.24	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	117777	20.79	ug/l	98
20) Methylene Chloride	4.728	84	47640	22.85	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	44687	20.94	ug/l	91
22) Diisopropyl ether	6.137	45	154162	20.22	ug/l	98
23) Vinyl Acetate	6.070	43	536507	103.38	ug/l	99
24) 1,1-Dichloroethane	6.033	63	79377	20.38	ug/l	99
25) 2-Butanone	6.996	43	83218	101.22	ug/l	100
26) 2,2-Dichloropropane	6.990	77	72306	20.69	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	48915	20.49	ug/l	99
28) Bromochloromethane	7.344	49	33062	18.68	ug/l	97
29) Tetrahydrofuran	7.362	42	60306	102.66	ug/l	99
30) Chloroform	7.515	83	78985	20.64	ug/l	100
31) Cyclohexane	7.795	56	79169	20.01	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	71258	20.52	ug/l	99
36) 1,1-Dichloropropene	7.923	75	64003	20.60	ug/l	99
37) Ethyl Acetate	7.088	43	42505	21.25	ug/l	98
38) Carbon Tetrachloride	7.905	117	55222	20.56	ug/l	96
39) Methylcyclohexane	9.185	83	76985	20.13	ug/l	98
40) Benzene	8.167	78	180195	20.64	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	24717m	20.39	ug/l		
42) 1,2-Dichloroethane	8.246	62	57616	21.04	ug/l		98
43) Isopropyl Acetate	8.283	43	78708	20.75	ug/l		99
44) Trichloroethene	8.947	130	49592	20.83	ug/l		99
45) 1,2-Dichloropropane	9.222	63	46628	20.69	ug/l		95
46) Dibromomethane	9.313	93	25108	20.47	ug/l		98
47) Bromodichloromethane	9.502	83	61474	20.70	ug/l		96
48) Methyl methacrylate	9.301	41	35676	20.43	ug/l		99
49) 1,4-Dioxane	9.307	88	6453	402.78	ug/l		98
51) 4-Methyl-2-Pentanone	10.075	43	201550	103.46	ug/l		100
52) Toluene	10.246	92	114703	20.30	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	67828	20.71	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	75625	20.33	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	35419	20.95	ug/l		99
56) Ethyl methacrylate	10.514	69	50500	20.60	ug/l		100
57) 1,3-Dichloropropane	10.794	76	62476	20.71	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	124974	99.65	ug/l		99
59) 2-Hexanone	10.837	43	135093	103.45	ug/l		99
60) Dibromochloromethane	10.989	129	41571	20.69	ug/l		99
61) 1,2-Dibromoethane	11.093	107	33680	20.67	ug/l		98
64) Tetrachloroethene	10.721	164	50460	20.82	ug/l		98
65) Chlorobenzene	11.520	112	116071	20.44	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	41833	20.63	ug/l		99
67) Ethyl Benzene	11.599	91	216173	20.34	ug/l		99
68) m/p-Xylenes	11.709	106	161504	40.90	ug/l		100
69) o-Xylene	12.032	106	75187	20.32	ug/l		98
70) Styrene	12.050	104	125272	20.44	ug/l		99
71) Bromoform	12.215	173	24554	20.42	ug/l	#	100
73) Isopropylbenzene	12.331	105	204422	20.47	ug/l		98
74) N-amyl acetate	12.148	43	70179	20.87	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.587	83	39253	20.78	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	29990m	21.62	ug/l		
77) Bromobenzene	12.611	156	46252	20.66	ug/l		99
78) n-propylbenzene	12.672	91	244658	20.74	ug/l		100
79) 2-Chlorotoluene	12.764	91	133804	20.74	ug/l		100
80) 1,3,5-Trimethylbenzene	12.818	105	169891	20.93	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	15428	19.90	ug/l		98
82) 4-Chlorotoluene	12.861	91	141585	20.78	ug/l		100
83) tert-Butylbenzene	13.081	119	144584	20.81	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	169020	20.64	ug/l		100
85) sec-Butylbenzene	13.257	105	200333	20.67	ug/l		100
86) p-Isopropyltoluene	13.373	119	180150	20.44	ug/l		100
87) 1,3-Dichlorobenzene	13.373	146	86416	20.67	ug/l		99
88) 1,4-Dichlorobenzene	13.452	146	86583	20.57	ug/l		98
89) n-Butylbenzene	13.702	91	173150	20.58	ug/l		99
90) Hexachloroethane	13.965	117	24309	20.55	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	77675	20.93	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6512	19.21	ug/l		90
93) 1,2,4-Trichlorobenzene	15.013	180	50467	20.57	ug/l		98
94) Hexachlorobutadiene	15.117	225	26478	20.67	ug/l		98
95) Naphthalene	15.239	128	110132	20.65	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	45671	21.10	ug/l		97

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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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