Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
Data File : VY004237.D
Acq On : 01 Apr 2021 11:28
Operator : SY/MD
Sample : VY0401SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

Manual Integrations APPROVED
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4/2/2021 6:40:13 PM

Quant Time: Apr 02 02:07:19 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	238646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	378816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105898	46.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.32%			
35) Dibromofluoromethane	7.728	113	93781	44.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.86%			
50) Toluene-d8	10.185	98	360480	45.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.82%			
62) 4-Bromofluorobenzene	12.483	95	123277	45.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	39234	18.98	ug/l	98
3) Chloromethane	2.119	50	57175	20.49	ug/l	99
4) Vinyl Chloride	2.260	62	62895	20.23	ug/l	97
5) Bromomethane	2.656	94	28034	16.39	ug/l	99
6) Chloroethane	2.802	64	36685	18.20	ug/l	99
7) Trichlorofluoromethane	3.131	101	76480	18.93	ug/l	98
8) Diethyl Ether	3.540	74	27669	21.34	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	43694	19.86	ug/l	97
10) Methyl Iodide	4.107	142	45432	17.87	ug/l	98
11) Tert butyl alcohol	4.973	59	21223	113.69	ug/l	99
12) 1,1-Dichloroethene	3.881	96	42251	19.57	ug/l	97
13) Acrolein	3.741	56	24192	151.75	ug/l	99
14) Allyl chloride	4.491	41	80285	23.34	ug/l	91
15) Acrylonitrile	5.180	53	72951	118.21	ug/l	100
16) Acetone	3.954	43	48812	102.13	ug/l	98
17) Carbon Disulfide	4.204	76	112990	19.91	ug/l	99
18) Methyl Acetate	4.497	43	34893	22.81	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	135637	21.27	ug/l	99
20) Methylene Chloride	4.729	84	50006	19.83	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	47757	19.71	ug/l	94
22) Diisopropyl ether	6.131	45	171914	22.76	ug/l	98
23) Vinyl Acetate	6.070	43	585460	115.22	ug/l	96
24) 1,1-Dichloroethane	6.033	63	89510	21.75	ug/l	98
25) 2-Butanone	6.997	43	92353	115.67	ug/l	98
26) 2,2-Dichloropropane	6.990	77	79422	20.62	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	54750	19.95	ug/l	95
28) Bromochloromethane	7.344	49	42491	25.40	ug/l	91
29) Tetrahydrofuran	7.356	42	67935	120.76	ug/l	93
30) Chloroform	7.515	83	86877	19.84	ug/l	97
31) Cyclohexane	7.789	56	85999	21.21	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	77683	19.39	ug/l	98
36) 1,1-Dichloropropene	7.923	75	68259	19.74	ug/l	98
37) Ethyl Acetate	7.088	43	46411	22.88	ug/l	99
38) Carbon Tetrachloride	7.911	117	60951	20.27	ug/l	98
39) Methylcyclohexane	9.185	83	85260	19.91	ug/l	97
40) Benzene	8.167	78	197675	20.17	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	20407m	18.16	ug/l		
42) 1,2-Dichloroethane	8.246	62	60793	19.73	ug/l		100
43) Isopropyl Acetate	8.277	43	88811	23.12	ug/l		97
44) Trichloroethene	8.947	130	56022	17.95	ug/l		100
45) 1,2-Dichloropropane	9.222	63	51733	21.35	ug/l		99
46) Dibromomethane	9.313	93	27727	19.46	ug/l		96
47) Bromodichloromethane	9.502	83	67088	19.74	ug/l		98
48) Methyl methacrylate	9.295	41	39818	22.82	ug/l		94
49) 1,4-Dioxane	9.307	88	8002	431.17	ug/l		98
51) 4-Methyl-2-Pentanone	10.075	43	224944	114.94	ug/l		98
52) Toluene	10.252	92	124956	19.83	ug/l		98
53) t-1,3-Dichloropropene	10.472	75	74084	20.44	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	83812	20.70	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	38235	19.59	ug/l		96
56) Ethyl methacrylate	10.514	69	56806	21.22	ug/l		93
57) 1,3-Dichloropropane	10.795	76	68894	20.46	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.789	63	147400	128.67	ug/l		96
59) 2-Hexanone	10.837	43	152274	113.18	ug/l		99
60) Dibromochloromethane	10.990	129	45667	19.52	ug/l		98
61) 1,2-Dibromoethane	11.093	107	37488	19.46	ug/l		100
64) Tetrachloroethene	10.722	164	55084	16.83	ug/l		99
65) Chlorobenzene	11.520	112	128553	19.38	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	45296	19.07	ug/l		97
67) Ethyl Benzene	11.599	91	240108	19.94	ug/l		99
68) m/p-Xylenes	11.703	106	178704	38.64	ug/l		98
69) o-Xylene	12.032	106	84826	19.60	ug/l		99
70) Styrene	12.051	104	137668	19.12	ug/l		99
71) Bromoform	12.215	173	26814	19.82	ug/l	#	98
73) Isopropylbenzene	12.337	105	230483	20.37	ug/l		99
74) N-amyl acetate	12.148	43	76863	23.24	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	44772	21.38	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	33713m	23.97	ug/l		
77) Bromobenzene	12.611	156	51022	19.26	ug/l		93
78) n-propylbenzene	12.672	91	268868	20.54	ug/l		98
79) 2-Chlorotoluene	12.764	91	146525	20.37	ug/l		97
80) 1,3,5-Trimethylbenzene	12.819	105	186173	20.17	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	16896	22.14	ug/l		97
82) 4-Chlorotoluene	12.861	91	153009	20.21	ug/l		98
83) tert-Butylbenzene	13.081	119	158589	19.88	ug/l		98
84) 1,2,4-Trimethylbenzene	13.124	105	186205	20.11	ug/l		99
85) sec-Butylbenzene	13.258	105	221756	20.20	ug/l		99
86) p-Isopropyltoluene	13.373	119	199788	19.56	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	97083	19.64	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	97154	19.90	ug/l		99
89) n-Butylbenzene	13.703	91	189298	20.15	ug/l		99
90) Hexachloroethane	13.965	117	21918	27.94	ug/l		97
91) 1,2-Dichlorobenzene	13.745	146	87333	19.68	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7730	19.78	ug/l		97
93) 1,2,4-Trichlorobenzene	15.013	180	60650	19.24	ug/l		99
94) Hexachlorobutadiene	15.117	225	30359	18.11	ug/l		97
95) Naphthalene	15.239	128	134507	20.11	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	54197	18.81	ug/l		98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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