Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
Data File : VY004623.D
Acq On : 26 Apr 2021 12:42
Operator : SY/MD
Sample : VY0426SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

Manual Integrations APPROVED
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4/27/2021 3:36:45 PM

Quant Time: Apr 27 09:31:30 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	131298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84114	57.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.32%			
35) Dibromofluoromethane	7.728	113	66041	55.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.48%			
50) Toluene-d8	10.185	98	274672	54.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.02%			
62) 4-Bromofluorobenzene	12.483	95	91058	52.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	23827	19.59	ug/l	99
3) Chloromethane	2.119	50	35711	20.30	ug/l	100
4) Vinyl Chloride	2.259	62	46500	25.03	ug/l	95
5) Bromomethane	2.650	94	21609	23.84	ug/l	97
6) Chloroethane	2.802	64	24208	21.73	ug/l	96
7) Trichlorofluoromethane	3.137	101	50084	21.56	ug/l	99
8) Diethyl Ether	3.540	74	17043	21.70	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	27804	21.57	ug/l	99
10) Methyl Iodide	4.101	142	29091	18.86	ug/l	98
11) Tert butyl alcohol	4.972	59	16461	114.50	ug/l	99
12) 1,1-Dichloroethene	3.881	96	26200	20.56	ug/l	94
13) Acrolein	3.741	56	14019	87.72	ug/l	98
14) Allyl chloride	4.497	41	50129	20.57	ug/l	98
15) Acrylonitrile	5.186	53	47445	112.61	ug/l	97
16) Acetone	3.966	43	36521	106.95	ug/l	100
17) Carbon Disulfide	4.204	76	79100	20.16	ug/l	97
18) Methyl Acetate	4.497	43	23734	23.36	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	83069	21.69	ug/l	99
20) Methylene Chloride	4.735	84	35162	24.96	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	30554	21.19	ug/l	96
22) Diisopropyl ether	6.137	45	109749	21.30	ug/l	98
23) Vinyl Acetate	6.076	43	381907	108.88	ug/l	99
24) 1,1-Dichloroethane	6.033	63	56120	21.32	ug/l	98
25) 2-Butanone	7.003	43	63076	113.51	ug/l	94
26) 2,2-Dichloropropane	6.996	77	52168	22.09	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	33721	20.90	ug/l	98
28) Bromochloromethane	7.344	49	23726	19.83	ug/l	97
29) Tetrahydrofuran	7.362	42	43224	108.87	ug/l	98
30) Chloroform	7.521	83	56138	21.70	ug/l	99
31) Cyclohexane	7.795	56	53562	20.03	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	50823	21.66	ug/l	98
36) 1,1-Dichloropropene	7.929	75	44151	20.62	ug/l	99
37) Ethyl Acetate	7.094	43	30865	22.39	ug/l	97
38) Carbon Tetrachloride	7.911	117	40119	21.68	ug/l	97
39) Methylcyclohexane	9.191	83	51487	19.54	ug/l	98
40) Benzene	8.167	78	127250	21.15	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	16840m	20.16	ug/l		
42) 1,2-Dichloroethane	8.246	62	41295	21.88	ug/l		99
43) Isopropyl Acetate	8.283	43	57640	22.06	ug/l		100
44) Trichloroethene	8.947	130	35032	21.36	ug/l		96
45) 1,2-Dichloropropane	9.222	63	33452	21.55	ug/l		96
46) Dibromomethane	9.313	93	18801	22.24	ug/l		97
47) Bromodichloromethane	9.502	83	45004	21.99	ug/l		98
48) Methyl methacrylate	9.301	41	26541	22.05	ug/l		98
49) 1,4-Dioxane	9.307	88	4666	422.65	ug/l		97
51) 4-Methyl-2-Pentanone	10.075	43	153144	114.08	ug/l		98
52) Toluene	10.252	92	79367	20.39	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	48939	21.68	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	53559	20.89	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	25418	21.82	ug/l		98
56) Ethyl methacrylate	10.514	69	35314	20.91	ug/l		95
57) 1,3-Dichloropropane	10.795	76	45534	21.91	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	92158	106.64	ug/l		100
59) 2-Hexanone	10.837	43	102037	113.39	ug/l		99
60) Dibromochloromethane	10.990	129	30302	21.89	ug/l		100
61) 1,2-Dibromoethane	11.093	107	24270	21.61	ug/l		99
64) Tetrachloroethene	10.721	164	36528	21.66	ug/l		95
65) Chlorobenzene	11.520	112	83675	21.17	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	30285	21.46	ug/l		99
67) Ethyl Benzene	11.599	91	152346	20.60	ug/l		100
68) m/p-Xylenes	11.709	106	112988	41.11	ug/l		100
69) o-Xylene	12.032	106	52971	20.57	ug/l		99
70) Styrene	12.050	104	87502	20.51	ug/l		97
71) Bromoform	12.215	173	18008	21.52	ug/l	#	99
73) Isopropylbenzene	12.331	105	144044	20.29	ug/l		99
74) N-amyl acetate	12.148	43	50354	21.07	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	28723	21.39	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	22263m	22.58	ug/l		
77) Bromobenzene	12.611	156	33299	20.93	ug/l		98
78) n-propylbenzene	12.672	91	172730	20.60	ug/l		100
79) 2-Chlorotoluene	12.758	91	94232	20.55	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	120108	20.82	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	11147	20.22	ug/l		94
82) 4-Chlorotoluene	12.861	91	101142	20.88	ug/l		100
83) tert-Butylbenzene	13.081	119	100200	20.29	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	120815	20.75	ug/l		99
85) sec-Butylbenzene	13.258	105	140767	20.43	ug/l		100
86) p-Isopropyltoluene	13.373	119	128312	20.48	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	62602	21.06	ug/l		98
88) 1,4-Dichlorobenzene	13.447	146	62487	20.89	ug/l		100
89) n-Butylbenzene	13.703	91	123583	20.66	ug/l		98
90) Hexachloroethane	13.965	117	18867	22.44	ug/l		97
91) 1,2-Dichlorobenzene	13.739	146	54862	20.80	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5143	21.34	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	36077	20.68	ug/l		100
94) Hexachlorobutadiene	15.117	225	19294	21.19	ug/l		100
95) Naphthalene	15.239	128	78460	20.69	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	31995	20.79	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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