Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
Data File : VY005442.D
Acq On : 26 Jul 2021 14:15
Operator : SY/MD
Sample : VY0726SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBS01

Manual Integrations APPROVED
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7/27/2021 1:56:07 PM

Quant Time: Jul 27 03:08:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	293791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	431448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	392587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	158075	50.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.720%			
35) Dibromofluoromethane	7.722	113	126752	50.880	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.760%			
50) Toluene-d8	10.185	98	534250	50.598	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.483	95	176419	50.625	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	63194	23.760	ug/l	99
3) Chloromethane	2.119	50	74075	22.720	ug/l	98
4) Vinyl Chloride	2.259	62	85968	22.144	ug/l	97
5) Bromomethane	2.650	94	62335	21.970	ug/l	98
6) Chloroethane	2.796	64	53025	21.741	ug/l	99
7) Trichlorofluoromethane	3.125	101	109534	21.575	ug/l	97
8) Diethyl Ether	3.540	74	38808	21.714	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	54054	19.590	ug/l	99
10) Methyl Iodide	4.101	142	57295	18.296	ug/l	98
11) Tert butyl alcohol	4.972	59	28831	97.238	ug/l #	89
12) 1,1-Dichloroethene	3.881	96	54653	19.457	ug/l	96
13) Acrolein	3.741	56	29983	110.430	ug/l	96
14) Allyl chloride	4.485	41	96118	19.122	ug/l	99
15) Acrylonitrile	5.180	53	83121	93.652	ug/l	98
16) Acetone	3.960	43	74773	104.318	ug/l	95
17) Carbon Disulfide	4.198	76	177300	19.089	ug/l	100
18) Methyl Acetate	4.485	43	38171	18.946	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	163027	19.236	ug/l	94
20) Methylene Chloride	4.722	84	74853	17.479	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	59688	18.915	ug/l	99
22) Diisopropyl ether	6.125	45	196705	20.162	ug/l	99
23) Vinyl Acetate	6.070	43	651385	101.506	ug/l	100
24) 1,1-Dichloroethane	6.027	63	108652	20.204	ug/l	98
25) 2-Butanone	6.996	43	111939	104.284	ug/l	97
26) 2,2-Dichloropropane	6.990	77	100289	20.509	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	67731	20.065	ug/l	99
28) Bromochloromethane	7.338	49	48352	22.335	ug/l	98
29) Tetrahydrofuran	7.356	42	74061	104.189	ug/l	97
30) Chloroform	7.515	83	109162	20.519	ug/l	94
31) Cyclohexane	7.789	56	110835	20.681	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	101567	20.620	ug/l	99
36) 1,1-Dichloropropene	7.923	75	85630	20.526	ug/l	100
37) Ethyl Acetate	7.088	43	50297	19.806	ug/l	97
38) Carbon Tetrachloride	7.905	117	92498	20.291	ug/l	97
39) Methylcyclohexane	9.185	83	108741	20.328	ug/l	97
40) Benzene	8.167	78	244981	20.435	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	23587m	17.725	ug/l		
42) 1,2-Dichloroethane	8.240	62	78582	20.263	ug/l		100
43) Isopropyl Acetate	8.283	43	94692	20.591	ug/l		99
44) Trichloroethene	8.941	130	65920	20.275	ug/l		95
45) 1,2-Dichloropropane	9.222	63	59753	20.242	ug/l		97
46) Dibromomethane	9.313	93	33434	20.578	ug/l		96
47) Bromodichloromethane	9.502	83	83464	20.437	ug/l		97
48) Methyl methacrylate	9.295	41	45076	21.077	ug/l		98
49) 1,4-Dioxane	9.307	88	9640	420.629	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.075	43	252802	103.550	ug/l		100
52) Toluene	10.246	92	154360	20.276	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	91805	20.095	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	102117	20.334	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	47579	20.405	ug/l		98
56) Ethyl methacrylate	10.514	69	71140	20.206	ug/l		99
57) 1,3-Dichloropropane	10.794	76	84453	20.364	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	161695	96.029	ug/l		100
59) 2-Hexanone	10.837	43	176720	103.277	ug/l		100
60) Dibromochloromethane	10.990	129	59482	20.887	ug/l		98
61) 1,2-Dibromoethane	11.093	107	45048	20.410	ug/l		99
64) Tetrachloroethene	10.721	164	60616	20.438	ug/l		100
65) Chlorobenzene	11.520	112	162957	20.266	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	60712	20.216	ug/l		99
67) Ethyl Benzene	11.599	91	298877	20.418	ug/l		99
68) m/p-Xylenes	11.703	106	231793	40.780	ug/l		99
69) o-Xylene	12.032	106	110622	20.457	ug/l		98
70) Styrene	12.050	104	186809	20.345	ug/l		99
71) Bromoform	12.209	173	38721	20.174	ug/l	#	99
73) Isopropylbenzene	12.331	105	292538	20.570	ug/l		99
74) N-amyl acetate	12.148	43	88614	20.466	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	54510	20.075	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	41247m	20.326	ug/l		
77) Bromobenzene	12.611	156	70624	20.279	ug/l		96
78) n-propylbenzene	12.672	91	352179	20.525	ug/l		100
79) 2-Chlorotoluene	12.758	91	197921	20.536	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	246528	20.754	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	21274	20.356	ug/l		98
82) 4-Chlorotoluene	12.861	91	204745	20.525	ug/l		100
83) tert-Butylbenzene	13.081	119	217027	20.512	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	240607	20.195	ug/l		100
85) sec-Butylbenzene	13.257	105	311969	20.442	ug/l		100
86) p-Isopropyltoluene	13.373	119	268863	20.461	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	137960	20.198	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	137716	20.349	ug/l		99
89) n-Butylbenzene	13.703	91	247025	20.481	ug/l		99
90) Hexachloroethane	13.965	117	48166	20.392	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	122006	20.003	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10379	19.711	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	87363	20.759	ug/l		98
94) Hexachlorobutadiene	15.117	225	54015	20.252	ug/l		99
95) Naphthalene	15.239	128	170542	20.146	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	77332	20.387	ug/l		99

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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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