Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
Data File : VY004599.D
Acq On : 23 Apr 2021 12:51
Operator : SY/MD
Sample : VY0423SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01

Manual Integrations APPROVED
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4/26/2021 4:52:51 PM

Quant Time: Apr 26 08:27:14 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	147260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	240556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91508	55.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.86%			
35) Dibromofluoromethane	7.734	113	72275	54.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.28%			
50) Toluene-d8	10.185	98	299390	52.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.44%			
62) 4-Bromofluorobenzene	12.483	95	99687	51.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	25613	18.77	ug/l	99
3) Chloromethane	2.119	50	39504	20.02	ug/l	98
4) Vinyl Chloride	2.259	62	53745	25.79	ug/l	95
5) Bromomethane	2.662	94	23410	23.03	ug/l	97
6) Chloroethane	2.802	64	26991	21.61	ug/l	100
7) Trichlorofluoromethane	3.137	101	53869	20.67	ug/l	94
8) Diethyl Ether	3.546	74	18921	21.48	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	29394	20.33	ug/l	98
10) Methyl Iodide	4.107	142	32383	18.72	ug/l	99
11) Tert butyl alcohol	4.997	59	14863	92.18	ug/l #	73
12) 1,1-Dichloroethene	3.893	96	27908	19.53	ug/l	93
13) Acrolein	3.747	56	15631	87.20	ug/l	100
14) Allyl chloride	4.497	41	55624	20.35	ug/l	98
15) Acrylonitrile	5.186	53	48152	101.90	ug/l	98
16) Acetone	3.973	43	37806	97.10	ug/l	95
17) Carbon Disulfide	4.210	76	87984	19.99	ug/l	99
18) Methyl Acetate	4.503	43	22842	20.04	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	89174	20.76	ug/l	100
20) Methylene Chloride	4.735	84	34718	21.97	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	32319	19.98	ug/l	98
22) Diisopropyl ether	6.137	45	119779	20.73	ug/l	93
23) Vinyl Acetate	6.076	43	407571	103.61	ug/l	97
24) 1,1-Dichloroethane	6.039	63	60797	20.59	ug/l	97
25) 2-Butanone	7.009	43	62810	100.78	ug/l	96
26) 2,2-Dichloropropane	6.996	77	55231	20.85	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	37227	20.57	ug/l	99
28) Bromochloromethane	7.350	49	27573	20.55	ug/l	100
29) Tetrahydrofuran	7.368	42	44318	99.53	ug/l	99
30) Chloroform	7.527	83	61150	21.08	ug/l	99
31) Cyclohexane	7.795	56	58473	19.49	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	54832	20.83	ug/l	99
36) 1,1-Dichloropropene	7.929	75	48152	20.14	ug/l	100
37) Ethyl Acetate	7.094	43	32573	21.16	ug/l	99
38) Carbon Tetrachloride	7.911	117	43872	21.23	ug/l	99
39) Methylcyclohexane	9.191	83	57104	19.40	ug/l	99
40) Benzene	8.173	78	137967	20.54	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	18557m	19.89	ug/l		
42) 1,2-Dichloroethane	8.252	62	44714	21.22	ug/l		99
43) Isopropyl Acetate	8.283	43	60355	20.68	ug/l		99
44) Trichloroethene	8.947	130	36803	20.09	ug/l		99
45) 1,2-Dichloropropane	9.228	63	35843	20.67	ug/l		100
46) Dibromomethane	9.313	93	19360	20.51	ug/l		99
47) Bromodichloromethane	9.508	83	47978	21.00	ug/l		99
48) Methyl methacrylate	9.301	41	27619	20.55	ug/l		97
49) 1,4-Dioxane	9.313	88	5094	413.23	ug/l		97
51) 4-Methyl-2-Pentanone	10.081	43	157905	105.34	ug/l		98
52) Toluene	10.252	92	85494	19.67	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	51200	20.31	ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	56850	19.86	ug/l		96
55) 1,1,2-Trichloroethane	10.654	97	26484	20.36	ug/l		96
56) Ethyl methacrylate	10.514	69	37578	19.92	ug/l		94
57) 1,3-Dichloropropane	10.794	76	48367	20.84	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	99973	103.60	ug/l		97
59) 2-Hexanone	10.837	43	104421	103.92	ug/l		98
60) Dibromochloromethane	10.990	129	32114	20.78	ug/l		99
61) 1,2-Dibromoethane	11.093	107	25448	20.29	ug/l		100
64) Tetrachloroethene	10.727	164	38677	20.57	ug/l		98
65) Chlorobenzene	11.520	112	88972	20.19	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	33194	21.10	ug/l		98
67) Ethyl Benzene	11.599	91	165213	20.04	ug/l		98
68) m/p-Xylenes	11.709	106	121936	39.80	ug/l		99
69) o-Xylene	12.032	106	56028	19.51	ug/l		97
70) Styrene	12.050	104	93552	19.67	ug/l		98
71) Bromoform	12.215	173	18657	20.00	ug/l	#	99
73) Isopropylbenzene	12.337	105	155827	20.27	ug/l		100
74) N-amyl acetate	12.148	43	52925	20.45	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	29383	20.21	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	23759m	22.26	ug/l		
77) Bromobenzene	12.611	156	35249	20.46	ug/l		99
78) n-propylbenzene	12.678	91	184821	20.35	ug/l		99
79) 2-Chlorotoluene	12.764	91	101108	20.36	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	127825	20.46	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	11773	19.73	ug/l		95
82) 4-Chlorotoluene	12.861	91	106600	20.33	ug/l		100
83) tert-Butylbenzene	13.081	119	108544	20.30	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	128436	20.37	ug/l		99
85) sec-Butylbenzene	13.257	105	151748	20.34	ug/l		100
86) p-Isopropyltoluene	13.373	119	135509	19.97	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	64817	20.14	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	65617	20.26	ug/l		99
89) n-Butylbenzene	13.702	91	129683	20.02	ug/l		99
90) Hexachloroethane	13.965	117	21365	23.47	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	58017	20.31	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5229	20.04	ug/l		96
93) 1,2,4-Trichlorobenzene	15.013	180	38334	20.30	ug/l		99
94) Hexachlorobutadiene	15.117	225	19828	20.11	ug/l		98
95) Naphthalene	15.239	128	83471	20.33	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	34250	20.56	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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