Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068961.D
Acq On : 23 Apr 2021 12:16
Operator : VA/SY
Sample : VD0423SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 26 07:54:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	269859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	436962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	417696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	207038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132148	46.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.66%			
35) Dibromofluoromethane	7.920	113	148685	52.31	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.62%			
50) Toluene-d8	10.344	98	552727	51.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.10%			
62) 4-Bromofluorobenzene	12.632	95	180900	50.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	55765	20.86	ug/l	96
3) Chloromethane	2.215	50	58853	18.72	ug/l	99
4) Vinyl Chloride	2.350	62	78030	19.76	ug/l	96
5) Bromomethane	2.756	94	62696	21.24	ug/l	91
6) Chloroethane	2.920	64	52729	20.32	ug/l	100
7) Trichlorofluoromethane	3.273	101	99062	21.32	ug/l	96
8) Diethyl Ether	3.720	74	27008	21.52	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	63020	22.47	ug/l	99
10) Methyl Iodide	4.303	142	59785	19.65	ug/l	98
11) Tert butyl alcohol	5.220	59	16772	91.89	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	57269	21.20	ug/l	98
13) Acrolein	3.926	56	8267	73.65	ug/l	98
14) Allyl chloride	4.714	41	59143	19.43	ug/l	95
15) Acrylonitrile	5.426	53	49195	87.35	ug/l	99
16) Acetone	4.167	43	37261	94.35	ug/l	90
17) Carbon Disulfide	4.415	76	175104	20.03	ug/l	99
18) Methyl Acetate	4.726	43	19603	18.07	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	108277	18.07	ug/l	91
20) Methylene Chloride	4.973	84	72213	19.65	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	65777	18.96	ug/l	96
22) Diisopropyl ether	6.367	45	133874	18.15	ug/l	95
23) Vinyl Acetate	6.309	43	350312	89.62	ug/l	95
24) 1,1-Dichloroethane	6.273	63	107017	19.24	ug/l	97
25) 2-Butanone	7.214	43	53097	95.01	ug/l	97
26) 2,2-Dichloropropane	7.214	77	95599	21.04	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	74193	21.52	ug/l	98
28) Bromochloromethane	7.550	49	34736	17.30	ug/l	92
29) Tetrahydrofuran	7.567	42	32614	86.77	ug/l	98
30) Chloroform	7.714	83	121185	19.91	ug/l	99
31) Cyclohexane	7.985	56	86166	18.16	ug/l	87
32) 1,1,1-Trichloroethane	7.908	97	107177	20.15	ug/l	99
36) 1,1-Dichloropropene	8.114	75	90112	20.37	ug/l	98
37) Ethyl Acetate	7.297	43	25091	19.31	ug/l	99
38) Carbon Tetrachloride	8.097	117	94067	21.48	ug/l	91
39) Methylcyclohexane	9.361	83	103582	20.08	ug/l	96
40) Benzene	8.355	78	266067	20.56	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	14438m	18.77	ug/l		
42) 1,2-Dichloroethane	8.426	62	68155	19.92	ug/l		100
43) Isopropyl Acetate	8.455	43	50454	19.05	ug/l		98
44) Trichloroethene	9.114	130	75857	21.22	ug/l		98
45) 1,2-Dichloropropane	9.391	63	62310	20.16	ug/l		92
46) Dibromomethane	9.479	93	36186	21.01	ug/l		94
47) Bromodichloromethane	9.667	83	92814	20.63	ug/l		98
48) Methyl methacrylate	9.455	41	22809	17.48	ug/l		84
49) 1,4-Dioxane	9.455	88	7428	407.40	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.232	43	124878	93.55	ug/l		99
52) Toluene	10.402	92	171231	20.89	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	79634	19.97	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	94772	19.87	ug/l		93
55) 1,1,2-Trichloroethane	10.802	97	51183	21.02	ug/l		97
56) Ethyl methacrylate	10.661	69	49472	19.74	ug/l		95
57) 1,3-Dichloropropane	10.949	76	80270	20.02	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	108214	92.57	ug/l		98
59) 2-Hexanone	10.985	43	81448	91.19	ug/l		99
60) Dibromochloromethane	11.144	129	63046	20.65	ug/l		97
61) 1,2-Dibromoethane	11.244	107	48631	20.55	ug/l		98
64) Tetrachloroethene	10.879	164	63017	21.52	ug/l		97
65) Chlorobenzene	11.667	112	190233	21.04	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	69623	21.42	ug/l		99
67) Ethyl Benzene	11.744	91	319740	20.42	ug/l		96
68) m/p-Xylenes	11.855	106	252576	41.81	ug/l		97
69) o-Xylene	12.179	106	112224	20.43	ug/l		99
70) Styrene	12.196	104	199749	20.86	ug/l		98
71) Bromoform	12.361	173	35942	20.64	ug/l	#	97
73) Isopropylbenzene	12.479	105	309153	20.45	ug/l		99
74) N-amyl acetate	12.285	43	44595	17.40	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.732	83	54907	19.43	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	36493m	19.29	ug/l		
77) Bromobenzene	12.755	156	76984	21.18	ug/l		95
78) n-propylbenzene	12.820	91	374187	20.38	ug/l		99
79) 2-Chlorotoluene	12.908	91	203732	19.86	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	256912	20.33	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	16348	20.06	ug/l		95
82) 4-Chlorotoluene	13.002	91	220263	20.26	ug/l		96
83) tert-Butylbenzene	13.220	119	218213	20.35	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	260558	20.41	ug/l		97
85) sec-Butylbenzene	13.402	105	311434	20.58	ug/l		99
86) p-Isopropyltoluene	13.514	119	278522	20.15	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	146987	20.41	ug/l		97
88) 1,4-Dichlorobenzene	13.591	146	145490	20.42	ug/l		98
89) n-Butylbenzene	13.838	91	261094	20.06	ug/l		98
90) Hexachloroethane	14.108	117	57014	20.71	ug/l		98
91) 1,2-Dichlorobenzene	13.885	146	128416	20.61	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	7615	17.73	ug/l		96
93) 1,2,4-Trichlorobenzene	15.161	180	79348	20.58	ug/l		99
94) Hexachlorobutadiene	15.261	225	48434	21.94	ug/l		97
95) Naphthalene	15.396	128	125136	18.63	ug/l		98
96) 1,2,3-Trichlorobenzene	15.590	180	66614	19.76	ug/l		95

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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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