Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068850.D
Acq On : 15 Apr 2021 12:24
Operator : VA/SY
Sample : VD0415SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0415SBSD01

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:39 PM

Quant Time: Apr 16 01:06:01 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	180435	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	277457	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	256511	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	137224	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	85713	44.95	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.90%				
35) Dibromofluoromethane	7.914	113	96048	53.22	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.44%				
50) Toluene-d8	10.338	98	356381	52.35	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.70%				
62) 4-Bromofluorobenzene	12.626	95	126453	55.93	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	35818	20.03	ug/l		96
3) Chloromethane	2.209	50	41641	19.81	ug/l		98
4) Vinyl Chloride	2.350	62	53532	20.27	ug/l		96
5) Bromomethane	2.750	94	40647	20.59	ug/l		92
6) Chloroethane	2.915	64	35461	20.44	ug/l		97
7) Trichlorofluoromethane	3.268	101	67795	21.82	ug/l		94
8) Diethyl Ether	3.709	74	17929	21.37	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.091	101	40616	21.66	ug/l		99
10) Methyl Iodide	4.297	142	33786	16.95	ug/l		98
11) Tert butyl alcohol	5.215	59	11298m	92.83	ug/l		
12) 1,1-Dichloroethene	4.062	96	36580	20.25	ug/l		95
13) Acrolein	3.926	56	6418	85.51	ug/l		93
14) Allyl chloride	4.715	41	38387	18.86	ug/l		92
15) Acrylonitrile	5.420	53	34918	92.72	ug/l		94
16) Acetone	4.162	43	24401	92.40	ug/l		96
17) Carbon Disulfide	4.403	76	117711	20.14	ug/l		99
18) Methyl Acetate	4.726	43	12993	17.91	ug/l		99
19) Methyl tert-butyl Ether	5.473	73	78819	19.67	ug/l		96
20) Methylene Chloride	4.962	84	43586	17.22	ug/l	#	91
21) trans-1,2-Dichloroethene	5.473	96	45342	19.55	ug/l		98
22) Diisopropyl ether	6.362	45	86763	17.59	ug/l		95
23) Vinyl Acetate	6.309	43	234526	89.73	ug/l		98
24) 1,1-Dichloroethane	6.262	63	70153	18.87	ug/l		98
25) 2-Butanone	7.214	43	34668	92.78	ug/l		96
26) 2,2-Dichloropropane	7.209	77	57507	18.93	ug/l		100
27) cis-1,2-Dichloroethene	7.209	96	44817	19.44	ug/l		99
28) Bromochloromethane	7.544	49	21479	16.00	ug/l		98
29) Tetrahydrofuran	7.567	42	23139	92.08	ug/l		98
30) Chloroform	7.709	83	74390	18.28	ug/l		94
31) Cyclohexane	7.985	56	60283	19.00	ug/l		96
32) 1,1,1-Trichloroethane	7.903	97	64472	18.13	ug/l		99
36) 1,1-Dichloropropene	8.114	75	55255	19.67	ug/l		98
37) Ethyl Acetate	7.291	43	18570	22.51	ug/l		97
38) Carbon Tetrachloride	8.097	117	56988	20.50	ug/l		100
39) Methylcyclohexane	9.355	83	68728	20.98	ug/l		97
40) Benzene	8.350	78	159617	19.42	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	9171	18.78	ug/l		89
42) 1,2-Dichloroethane	8.426	62	43675	20.10	ug/l		96
43) Isopropyl Acetate	8.450	43	32386	19.26	ug/l		98
44) Trichloroethene	9.114	130	45589	20.08	ug/l		94
45) 1,2-Dichloropropane	9.385	63	40887	20.83	ug/l		95
46) Dibromomethane	9.473	93	23912	21.87	ug/l		95
47) Bromodichloromethane	9.661	83	60746	21.26	ug/l		97
48) Methyl methacrylate	9.456	41	18266	22.04	ug/l		98
49) 1,4-Dioxane	9.461	88	5298	457.63	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	89824	105.98	ug/l		99
52) Toluene	10.403	92	107785	20.71	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	53232	21.02	ug/l		94
54) cis-1,3-Dichloropropene	10.091	75	64046	21.15	ug/l		98
55) 1,1,2-Trichloroethane	10.797	97	32732	21.17	ug/l		96
56) Ethyl methacrylate	10.661	69	33285	20.91	ug/l		99
57) 1,3-Dichloropropane	10.944	76	50624	19.88	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	70688	94.75	ug/l		95
59) 2-Hexanone	10.985	43	56593	99.79	ug/l		99
60) Dibromochloromethane	11.138	129	42561	21.95	ug/l		100
61) 1,2-Dibromoethane	11.244	107	33329	22.18	ug/l		98
64) Tetrachloroethene	10.873	164	40266	22.39	ug/l		96
65) Chlorobenzene	11.667	112	112950	20.34	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	41038	20.56	ug/l		98
67) Ethyl Benzene	11.744	91	196314	20.42	ug/l		100
68) m/p-Xylenes	11.849	106	153674	41.42	ug/l		96
69) o-Xylene	12.179	106	73694	21.84	ug/l		97
70) Styrene	12.191	104	128525	21.86	ug/l		98
71) Bromoform	12.361	173	23817	22.27	ug/l	#	96
73) Isopropylbenzene	12.473	105	197468	19.71	ug/l		99
74) N-amyl acetate	12.285	43	32119	18.90	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	37402	19.97	ug/l		100
76) 1,2,3-Trichloropropane	12.779	75	23743m	18.94	ug/l		
77) Bromobenzene	12.755	156	48837	20.27	ug/l		96
78) n-propylbenzene	12.814	91	243156	19.98	ug/l		100
79) 2-Chlorotoluene	12.902	91	136924	20.14	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	168299	20.09	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	10554	19.54	ug/l		98
82) 4-Chlorotoluene	13.002	91	143535	19.92	ug/l		97
83) tert-Butylbenzene	13.220	119	140597	19.78	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	169465	20.03	ug/l		99
85) sec-Butylbenzene	13.396	105	201405	20.08	ug/l		98
86) p-Isopropyltoluene	13.514	119	183214	20.00	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	95142	19.94	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	96654	20.46	ug/l		99
89) n-Butylbenzene	13.838	91	169256	19.62	ug/l		98
90) Hexachloroethane	14.102	117	35756	19.60	ug/l		98
91) 1,2-Dichlorobenzene	13.885	146	82162	19.90	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	5083	17.86	ug/l		98
93) 1,2,4-Trichlorobenzene	15.155	180	50844	19.90	ug/l		99
94) Hexachlorobutadiene	15.261	225	28831	19.71	ug/l		98
95) Naphthalene	15.390	128	88538	19.89	ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	44216	19.78	ug/l		97

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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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