Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069320.D
Acq On : 03 Jun 2021 12:57
Operator : VA/SY
Sample : VD0603SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0603SBSD01

Manual Integrations APPROVED
MMDadoda
6/4/2021 4:32:44 PM

Quant Time: Jun 04 03:00:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	425921	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	687662	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	657237	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	323865	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	189396	46.343	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.680%				
35) Dibromofluoromethane	7.914	113	205249	47.529	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.060%				
50) Toluene-d8	10.338	98	746983	47.569	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.140%				
62) 4-Bromofluorobenzene	12.626	95	254004	49.364	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.720%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	84133	18.766	ug/l		99
3) Chloromethane	2.209	50	70107	20.714	ug/l		97
4) Vinyl Chloride	2.350	62	69737	20.225	ug/l		98
5) Bromomethane	2.756	94	51332	20.406	ug/l		87
6) Chloroethane	2.921	64	41543	21.114	ug/l	#	88
7) Trichlorofluoromethane	3.273	101	157276	19.610	ug/l		95
8) Diethyl Ether	3.709	74	38115	19.344	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.091	101	90866	19.240	ug/l		99
10) Methyl Iodide	4.303	142	79106	18.091	ug/l		99
11) Tert butyl alcohol	5.203	59	33549	120.325	ug/l	#	80
12) 1,1-Dichloroethene	4.073	96	82049	19.206	ug/l		89
13) Acrolein	3.932	56	19712	84.439	ug/l		100
14) Allyl chloride	4.715	41	98167	19.046	ug/l		99
15) Acrylonitrile	5.420	53	76281	99.308	ug/l		99
16) Acetone	4.162	43	68828	96.509	ug/l		93
17) Carbon Disulfide	4.409	76	266012	18.831	ug/l		100
18) Methyl Acetate	4.720	43	37172	19.260	ug/l		100
19) Methyl tert-butyl Ether	5.485	73	153004	19.501	ug/l		96
20) Methylene Chloride	4.967	84	129334	20.840	ug/l		96
21) trans-1,2-Dichloroethene	5.479	96	97394	19.250	ug/l		97
22) Diisopropyl ether	6.367	45	204729	20.681	ug/l		99
23) Vinyl Acetate	6.309	43	534940	92.254	ug/l		100
24) 1,1-Dichloroethane	6.262	63	161778	19.529	ug/l		99
25) 2-Butanone	7.214	43	89007	94.845	ug/l		98
26) 2,2-Dichloropropane	7.209	77	147275	19.293	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	105667	19.718	ug/l		98
28) Bromochloromethane	7.544	49	59519	20.723	ug/l		99
29) Tetrahydrofuran	7.561	42	52180	96.738	ug/l		99
30) Chloroform	7.708	83	180651	19.948	ug/l		94
31) Cyclohexane	7.985	56	120762	18.597	ug/l		92
32) 1,1,1-Trichloroethane	7.903	97	160307	19.614	ug/l		98
36) 1,1-Dichloropropene	8.114	75	128070	19.160	ug/l		97
37) Ethyl Acetate	7.291	43	45139	19.889	ug/l	#	93
38) Carbon Tetrachloride	8.097	117	145427	20.151	ug/l		97
39) Methylcyclohexane	9.355	83	128303	18.764	ug/l		96
40) Benzene	8.350	78	381856	19.670	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	22818	20.708	ug/l		85
42) 1,2-Dichloroethane	8.426	62	106754	20.606	ug/l		99
43) Isopropyl Acetate	8.450	43	81877	19.823	ug/l		98
44) Trichloroethene	9.114	130	109118	20.688	ug/l		94
45) 1,2-Dichloropropane	9.385	63	94112	20.362	ug/l		93
46) Dibromomethane	9.473	93	51793	19.605	ug/l		92
47) Bromodichloromethane	9.661	83	137470	20.180	ug/l		94
48) Methyl methacrylate	9.455	41	40591	21.167	ug/l		96
49) 1,4-Dioxane	9.461	88	10648	410.322	ug/l		91
51) 4-Methyl-2-Pentanone	10.226	43	212900	99.794	ug/l		100
52) Toluene	10.402	92	248075	20.246	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	120552	19.815	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	141992	19.576	ug/l		97
55) 1,1,2-Trichloroethane	10.797	97	74433	20.312	ug/l		97
56) Ethyl methacrylate	10.661	69	73271	19.245	ug/l		100
57) 1,3-Dichloropropane	10.944	76	120019	20.199	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	199974	116.543	ug/l		99
59) 2-Hexanone	10.985	43	142806	100.137	ug/l		98
60) Dibromochloromethane	11.138	129	94550	20.477	ug/l		96
61) 1,2-Dibromoethane	11.244	107	71660	20.501	ug/l		99
64) Tetrachloroethene	10.873	164	93900	20.526	ug/l		96
65) Chlorobenzene	11.667	112	270297	20.125	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	101365	20.143	ug/l		99
67) Ethyl Benzene	11.744	91	449634	19.486	ug/l		98
68) m/p-Xylenes	11.849	106	360680	39.890	ug/l		99
69) o-Xylene	12.179	106	158329	19.799	ug/l		99
70) Styrene	12.191	104	284541	20.497	ug/l		100
71) Bromoform	12.355	173	54120	20.735	ug/l	#	98
73) Isopropylbenzene	12.473	105	427375	19.282	ug/l		98
74) N-amyl acetate	12.285	43	76080	19.437	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	81621	19.726	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	50513m	17.952	ug/l		
77) Bromobenzene	12.755	156	106121	19.881	ug/l		99
78) n-propylbenzene	12.814	91	535903	19.714	ug/l		100
79) 2-Chlorotoluene	12.902	91	302406	19.570	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	372917	19.866	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	22625	17.818	ug/l		96
82) 4-Chlorotoluene	12.996	91	323008	19.869	ug/l		99
83) tert-Butylbenzene	13.220	119	305142	19.410	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	373006	19.980	ug/l		99
85) sec-Butylbenzene	13.396	105	455949	19.650	ug/l		99
86) p-Isopropyltoluene	13.508	119	392338	19.338	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	216481	20.040	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	216575	20.116	ug/l		99
89) n-Butylbenzene	13.838	91	359442	18.936	ug/l		99
90) Hexachloroethane	14.102	117	73531	19.078	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	186899	20.078	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11858	17.990	ug/l		96
93) 1,2,4-Trichlorobenzene	15.155	180	106887	19.138	ug/l		100
94) Hexachlorobutadiene	15.261	225	68340	19.490	ug/l		99
95) Naphthalene	15.390	128	178382	18.376	ug/l		98
96) 1,2,3-Trichlorobenzene	15.585	180	93653	19.053	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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