Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
Data File : VD069268.D
Acq On : 25 May 2021 12:33
Operator : VA/SY
Sample : VD0525SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBS01

Manual Integrations APPROVED
MMDadoda
5/27/2021 10:28:59 AM

Quant Time: May 26 01:04:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	248683	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	420815	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	400433	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	201298	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	131763	52.85	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.70%				
35) Dibromofluoromethane	7.914	113	139488	50.94	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.88%				
50) Toluene-d8	10.338	98	515180	51.20	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.40%				
62) 4-Bromofluorobenzene	12.626	95	166481	51.42	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	57635	21.80	ug/l		96
3) Chloromethane	2.209	50	67643	22.26	ug/l		95
4) Vinyl Chloride	2.350	62	89656	22.38	ug/l		96
5) Bromomethane	2.756	94	69790	23.16	ug/l		99
6) Chloroethane	2.915	64	60608	23.52	ug/l		95
7) Trichlorofluoromethane	3.268	101	128471	26.29	ug/l		94
8) Diethyl Ether	3.709	74	29326	26.29	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.091	101	75346	27.21	ug/l		98
10) Methyl Iodide	4.297	142	57350	20.46	ug/l		98
11) Tert butyl alcohol	5.215	59	30897	236.43	ug/l	#	92
12) 1,1-Dichloroethene	4.062	96	64267	25.83	ug/l		87
13) Acrolein	3.921	56	16885	83.24	ug/l		98
14) Allyl chloride	4.709	41	70697	25.90	ug/l		94
15) Acrylonitrile	5.415	53	53012	127.33	ug/l		96
16) Acetone	4.162	43	51641	135.25	ug/l		98
17) Carbon Disulfide	4.403	76	208994	25.34	ug/l		100
18) Methyl Acetate	4.715	43	26944	29.04	ug/l		98
19) Methyl tert-butyl Ether	5.473	73	107666	23.85	ug/l		95
20) Methylene Chloride	4.956	84	88556	23.74	ug/l		93
21) trans-1,2-Dichloroethene	5.473	96	74021	25.09	ug/l		95
22) Diisopropyl ether	6.367	45	129600	23.77	ug/l		96
23) Vinyl Acetate	6.309	43	361387	112.34	ug/l		98
24) 1,1-Dichloroethane	6.267	63	115419	24.51	ug/l		98
25) 2-Butanone	7.214	43	58399	112.87	ug/l		93
26) 2,2-Dichloropropane	7.203	77	99607	22.62	ug/l		97
27) cis-1,2-Dichloroethene	7.209	96	67596	21.10	ug/l		97
28) Bromochloromethane	7.544	49	38922	23.19	ug/l		97
29) Tetrahydrofuran	7.567	42	32078	114.05	ug/l		92
30) Chloroform	7.709	83	118958	22.44	ug/l		99
31) Cyclohexane	7.985	56	77651	21.02	ug/l		97
32) 1,1,1-Trichloroethane	7.903	97	106711	22.18	ug/l		98
36) 1,1-Dichloropropene	8.109	75	86211	21.07	ug/l		99
37) Ethyl Acetate	7.291	43	26774	20.37	ug/l	#	86
38) Carbon Tetrachloride	8.091	117	92928	20.32	ug/l		99
39) Methylcyclohexane	9.356	83	82651	19.15	ug/l		97
40) Benzene	8.350	78	254927	21.75	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	12913	18.46	ug/l	#	99
42) 1,2-Dichloroethane	8.420	62	71619	22.38	ug/l		98
43) Isopropyl Acetate	8.450	43	52299	21.91	ug/l		95
44) Trichloroethene	9.108	130	66817	20.40	ug/l		98
45) 1,2-Dichloropropane	9.385	63	63928	23.11	ug/l		97
46) Dibromomethane	9.473	93	36624	22.15	ug/l		93
47) Bromodichloromethane	9.661	83	91401	21.72	ug/l		93
48) Methyl methacrylate	9.456	41	25786	23.36	ug/l		90
49) 1,4-Dioxane	9.456	88	6795	411.51	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	136444	111.10	ug/l		98
52) Toluene	10.403	92	165254	21.85	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	79047	21.38	ug/l		93
54) cis-1,3-Dichloropropene	10.085	75	92663	20.97	ug/l		97
55) 1,1,2-Trichloroethane	10.797	97	51251	23.00	ug/l		95
56) Ethyl methacrylate	10.661	69	45040	19.35	ug/l		94
57) 1,3-Dichloropropane	10.944	76	77193	21.43	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	120581	109.29	ug/l		100
59) 2-Hexanone	10.985	43	88235	107.67	ug/l		96
60) Dibromochloromethane	11.138	129	61513	21.49	ug/l		100
61) 1,2-Dibromoethane	11.244	107	47456	21.54	ug/l		98
64) Tetrachloroethene	10.873	164	57274	20.58	ug/l		96
65) Chlorobenzene	11.667	112	176420	21.26	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	66372	21.21	ug/l		98
67) Ethyl Benzene	11.744	91	287835	20.15	ug/l		94
68) m/p-Xylenes	11.850	106	232537	41.55	ug/l		98
69) o-Xylene	12.179	106	101911	20.47	ug/l		97
70) Styrene	12.191	104	179900	20.70	ug/l		99
71) Bromoform	12.355	173	34406	21.14	ug/l	#	99
73) Isopropylbenzene	12.473	105	276824	19.68	ug/l		99
74) N-amyl acetate	12.285	43	46048	20.01	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.726	83	54597	21.41	ug/l		100
76) 1,2,3-Trichloropropane	12.779	75	32252m	21.31	ug/l		
77) Bromobenzene	12.755	156	68862	20.63	ug/l		96
78) n-propylbenzene	12.814	91	346377	20.40	ug/l		98
79) 2-Chlorotoluene	12.902	91	191133	20.24	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	235698	20.32	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	14940	19.94	ug/l		96
82) 4-Chlorotoluene	13.002	91	208243	20.70	ug/l		100
83) tert-Butylbenzene	13.220	119	190895	19.75	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	235483	20.18	ug/l		100
85) sec-Butylbenzene	13.397	105	290545	19.99	ug/l		99
86) p-Isopropyltoluene	13.508	119	255295	19.99	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	136473	20.20	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	134227	20.06	ug/l		97
89) n-Butylbenzene	13.838	91	230739	19.39	ug/l		99
90) Hexachloroethane	14.102	117	48910	20.44	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	116225	20.03	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7946	20.08	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	64085	18.02	ug/l		97
94) Hexachlorobutadiene	15.255	225	38777	18.17	ug/l		98
95) Naphthalene	15.391	128	105186	17.36	ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	55930	18.38	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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