Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
Data File : VD076458.D
Acq On : 16 Jun 2023 16:34
Operator : KP/SY
Sample : VSTDICCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 19 04:26:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:23:38 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	151957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	269377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76449	50.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.420%			
35) Dibromofluoromethane	7.805	113	79877	49.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.820%			
50) Toluene-d8	10.269	98	300975	49.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.575	95	98519	50.018	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	52082	45.106	ug/l	97
3) Chloromethane	2.146	50	113542	47.281	ug/l	98
4) Vinyl Chloride	2.275	62	129805	48.456	ug/l	99
5) Bromomethane	2.681	94	78728	45.200	ug/l	99
6) Chloroethane	2.828	64	87635	47.731	ug/l	98
7) Trichlorofluoromethane	3.164	101	98614	44.733	ug/l	99
8) Diethyl Ether	3.587	74	42172	50.830	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.958	101	64808	45.647	ug/l	98
10) Methyl Iodide	4.158	142	87238	51.829	ug/l	92
11) Tert butyl alcohol	5.058	59	31233	237.602	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	66038	47.493	ug/l #	81
13) Acrolein	3.793	56	34246	241.873	ug/l	96
14) Allyl chloride	4.558	41	125057	49.179	ug/l #	87
15) Acrylonitrile	5.252	53	111221	260.698	ug/l	100
16) Acetone	4.017	43	97931	270.310	ug/l	87
17) Carbon Disulfide	4.264	76	184021	48.437	ug/l	100
18) Methyl Acetate	4.558	43	86145	51.596	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	196125	51.565	ug/l	92
20) Methylene Chloride	4.799	84	108349	53.972	ug/l #	78
21) trans-1,2-Dichloroethene	5.311	96	79142	49.245	ug/l	100
22) Diisopropyl ether	6.211	45	284061	51.661	ug/l #	88
23) Vinyl Acetate	6.152	43	722162m	272.786	ug/l	
24) 1,1-Dichloroethane	6.116	63	153580	50.019	ug/l	93
25) 2-Butanone	7.081	43	146686	261.773	ug/l #	77
26) 2,2-Dichloropropane	7.069	77	127726	48.249	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	99130	50.966	ug/l	88
28) Bromochloromethane	7.422	49	45569	51.578	ug/l #	71
29) Tetrahydrofuran	7.446	42	93439	259.472	ug/l #	77
30) Chloroform	7.593	83	152102	50.029	ug/l	97
31) Cyclohexane	7.875	56	111633	47.270	ug/l #	87
32) 1,1,1-Trichloroethane	7.793	97	118868	48.368	ug/l	98
36) 1,1-Dichloropropene	8.005	75	104246	46.518	ug/l	96
37) Ethyl Acetate	7.169	43	63164	48.641	ug/l #	92
38) Carbon Tetrachloride	7.987	117	95079	47.469	ug/l	98
39) Methylcyclohexane	9.275	83	120475	45.811	ug/l	93
40) Benzene	8.246	78	334647	48.968	ug/l	97

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.399	41	38065	50.657 ug/l	#	80
42) 1,2-Dichloroethane	8.328	62	94707	51.288 ug/l		95
43) Isopropyl Acetate	8.357	43	124163	50.504 ug/l	#	84
44) Trichloroethene	9.022	130	88149	47.816 ug/l		94
45) 1,2-Dichloropropane	9.299	63	92007	49.655 ug/l		99
46) Dibromomethane	9.393	93	50607	50.984 ug/l		96
47) Bromodichloromethane	9.581	83	118248	49.781 ug/l		99
48) Methyl methacrylate	9.381	41	58272	51.714 ug/l	#	67
49) 1,4-Dioxane	9.387	88	11723	985.717 ug/l	#	63
51) 4-Methyl-2-Pentanone	10.157	43	326359	259.694 ug/l	#	84
52) Toluene	10.334	92	209893	48.943 ug/l		99
53) t-1,3-Dichloropropene	10.551	75	125716	52.157 ug/l		94
54) cis-1,3-Dichloropropene	10.016	75	143423	50.189 ug/l	#	79
55) 1,1,2-Trichloroethane	10.734	97	69338	49.939 ug/l		97
56) Ethyl methacrylate	10.599	69	93911	51.801 ug/l	#	73
57) 1,3-Dichloropropane	10.881	76	119465	50.255 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	186953	243.238 ug/l		94
59) 2-Hexanone	10.922	43	228340	261.208 ug/l		81
60) Dibromochloromethane	11.075	129	82247	50.900 ug/l		97
61) 1,2-Dibromoethane	11.181	107	65655	50.373 ug/l		99
64) Tetrachloroethene	10.810	164	70295	47.438 ug/l		89
65) Chlorobenzene	11.604	112	234047	49.904 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	84482	50.369 ug/l		98
67) Ethyl Benzene	11.681	91	402967	48.491 ug/l		100
68) m/p-Xylenes	11.793	106	313131	96.528 ug/l		90
69) o-Xylene	12.122	106	150971	48.890 ug/l		89
70) Styrene	12.134	104	260035	48.749 ug/l		94
71) Bromoform	12.298	173	52393	52.026 ug/l	#	97
73) Isopropylbenzene	12.422	105	381198	47.124 ug/l		97
74) N-amyl acetate	12.234	43	119482	50.454 ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	84785	50.793 ug/l		98
76) 1,2,3-Trichloropropane	12.722	75	55094m	45.982 ug/l		
77) Bromobenzene	12.704	156	95618	47.912 ug/l		89
78) n-propylbenzene	12.763	91	467894	46.845 ug/l		96
79) 2-Chlorotoluene	12.851	91	261833	47.738 ug/l		97
80) 1,3,5-Trimethylbenzene	12.904	105	314909	47.670 ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	27984	51.424 ug/l		96
82) 4-Chlorotoluene	12.945	91	272885	47.908 ug/l		95
83) tert-Butylbenzene	13.163	119	272304	46.391 ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	321103	48.234 ug/l		96
85) sec-Butylbenzene	13.345	105	408247	46.868 ug/l		97
86) p-Isopropyltoluene	13.463	119	341140	46.870 ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	189060	48.228 ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	185306	47.397 ug/l		98
89) n-Butylbenzene	13.787	91	332113	46.782 ug/l		98
90) Hexachloroethane	14.051	117	63628	47.372 ug/l		95
91) 1,2-Dichlorobenzene	13.834	146	165030	48.177 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12282	48.884 ug/l		99
93) 1,2,4-Trichlorobenzene	15.098	180	109252	47.856 ug/l		98
94) Hexachlorobutadiene	15.204	225	51030	45.977 ug/l		99
95) Naphthalene	15.334	128	227122	49.751 ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	96728	48.631 ug/l		100

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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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