Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
Data File : VD074123.D
Acq On : 17 Aug 2022 14:42
Operator : VA/SY
Sample : VD0817SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 18 03:19:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

Supervised By :Mahesh Dadoda
08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	135187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	216424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	207212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55967	56.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.200%			
35) Dibromofluoromethane	7.903	113	70920	51.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.560%			
50) Toluene-d8	10.332	98	184978	44.053	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.100%			
62) 4-Bromofluorobenzene	12.620	95	94200	54.327	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	25517	20.796	ug/l	97
3) Chloromethane	2.209	50	31613	21.181	ug/l	100
4) Vinyl Chloride	2.344	62	46317	23.179	ug/l	97
5) Bromomethane	2.750	94	35549	22.295	ug/l	97
6) Chloroethane	2.909	64	34970	19.990	ug/l	97
7) Trichlorofluoromethane	3.268	101	52250	19.634	ug/l	95
8) Diethyl Ether	3.709	74	10732	18.099	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.085	101	29929	20.423	ug/l	97
10) Methyl Iodide	4.285	142	30570	23.104	ug/l	99
11) Tert butyl alcohol	5.232	59	7266	86.993	ug/l #	86
12) 1,1-Dichloroethene	4.068	96	24082	20.223	ug/l	84
13) Acrolein	3.926	56	6272	86.524	ug/l	96
14) Allyl chloride	4.715	41	31489	20.041	ug/l #	89
15) Acrylonitrile	5.415	53	26384	111.399	ug/l	97
16) Acetone	4.162	43	23113	85.535	ug/l #	89
17) Carbon Disulfide	4.403	76	58319	18.856	ug/l	99
18) Methyl Acetate	4.715	43	14016	23.507	ug/l #	84
19) Methyl tert-butyl Ether	5.479	73	58200	21.321	ug/l	100
20) Methylene Chloride	4.956	84	39075	21.320	ug/l #	80
21) trans-1,2-Dichloroethene	5.462	96	27771	20.502	ug/l #	81
22) Diisopropyl ether	6.362	45	75648	22.241	ug/l #	94
23) Vinyl Acetate	6.297	43	179036	102.727	ug/l #	87
24) 1,1-Dichloroethane	6.250	63	51140	21.749	ug/l	97
25) 2-Butanone	7.214	43	34882	100.950	ug/l	99
26) 2,2-Dichloropropane	7.197	77	50010	20.515	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	32769	20.524	ug/l	88
28) Bromochloromethane	7.538	49	18788	21.409	ug/l #	75
29) Tetrahydrofuran	7.556	42	18852	99.836	ug/l #	78
30) Chloroform	7.703	83	60029	21.840	ug/l	96
31) Cyclohexane	7.973	56	38525	19.769	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	54984	21.216	ug/l	96
36) 1,1-Dichloropropene	8.103	75	38558	20.444	ug/l	96
37) Ethyl Acetate	7.285	43	15323	20.486	ug/l	96
38) Carbon Tetrachloride	8.091	117	46608	21.412	ug/l	88
39) Methylcyclohexane	9.350	83	39857	19.167	ug/l	94
40) Benzene	8.344	78	112084	21.030	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	7669	20.290	ug/l	#	83
42) 1,2-Dichloroethane	8.414	62	35136	21.823	ug/l		97
43) Isopropyl Acetate	8.450	43	29907	21.786	ug/l	#	92
44) Trichloroethene	9.103	130	33300	21.338	ug/l		92
45) 1,2-Dichloropropane	9.379	63	27278	21.129	ug/l		96
46) Dibromomethane	9.467	93	17895	21.867	ug/l		96
47) Bromodichloromethane	9.650	83	46423	22.066	ug/l	#	98
48) Methyl methacrylate	9.444	41	12489	19.899	ug/l	#	77
49) 1,4-Dioxane	9.450	88	3521	442.266	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.220	43	75442	107.345	ug/l		95
52) Toluene	10.397	92	75298	21.607	ug/l		99
53) t-1,3-Dichloropropene	10.608	75	38617	21.536	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	43935	21.189	ug/l		93
55) 1,1,2-Trichloroethane	10.791	97	23730	21.789	ug/l		88
56) Ethyl methacrylate	10.650	69	23757	21.452	ug/l	#	85
57) 1,3-Dichloropropane	10.938	76	38219	22.139	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	42868	100.835	ug/l		90
59) 2-Hexanone	10.973	43	49840	103.703	ug/l		92
60) Dibromochloromethane	11.126	129	31262	21.229	ug/l		100
61) 1,2-Dibromoethane	11.232	107	24129	22.813	ug/l		96
64) Tetrachloroethene	10.867	164	26805	20.446	ug/l		91
65) Chlorobenzene	11.661	112	84993	20.967	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.732	131	33647	21.119	ug/l		100
67) Ethyl Benzene	11.732	91	139924	20.163	ug/l		99
68) m/p-Xylenes	11.844	106	113046	40.574	ug/l		97
69) o-Xylene	12.167	106	51219	20.175	ug/l		92
70) Styrene	12.179	104	93904	21.216	ug/l		94
71) Bromoform	12.344	173	18760	22.474	ug/l	#	96
73) Isopropylbenzene	12.467	105	142454	20.647	ug/l		98
74) N-amyl acetate	12.273	43	26698	20.153	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.714	83	26296	20.828	ug/l		96
76) 1,2,3-Trichloropropane	12.773	75	17534m	17.926	ug/l		
77) Bromobenzene	12.744	156	34793	20.883	ug/l		84
78) n-propylbenzene	12.802	91	175531	20.543	ug/l		97
79) 2-Chlorotoluene	12.891	91	98487	20.289	ug/l		91
80) 1,3,5-Trimethylbenzene	12.944	105	123166	20.913	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.514	75	7196	20.518	ug/l		85
82) 4-Chlorotoluene	12.991	91	107237	20.852	ug/l		97
83) tert-Butylbenzene	13.208	119	103593	19.873	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	119813	19.793	ug/l		98
85) sec-Butylbenzene	13.385	105	161731	20.195	ug/l		100
86) p-Isopropyltoluene	13.502	119	129310	19.360	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	72893	20.029	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	73008	20.025	ug/l		99
89) n-Butylbenzene	13.826	91	126516	19.772	ug/l		98
90) Hexachloroethane	14.091	117	27166	19.413	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	61181	18.823	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4716	21.626	ug/l		98
93) 1,2,4-Trichlorobenzene	15.138	180	35016	16.785	ug/l		92
94) Hexachlorobutadiene	15.243	225	20634	16.509	ug/l		97
95) Naphthalene	15.379	128	61823	17.601	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	32002	17.351	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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