Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
Data File : VD073585.D
Acq On : 15 Jun 2022 11:32
Operator : VA/SY
Sample : VD0615SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0615SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/16/2022
Supervised By :Semsettin Yesilyurt 06/16/2022

Quant Time: Jun 16 06:02:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.967	168	279644	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	458663	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.632	117	439536	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228060	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.320	65	161888	53.945	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163			Recovery = 107.900%			
35) Dibromofluoromethane	7.908	113	161508	54.760	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147			Recovery = 109.520%			
50) Toluene-d8	10.332	98	608184	54.539	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140			Recovery = 109.080%			
62) 4-Bromofluorobenzene	12.620	95	223108	55.113	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144			Recovery = 110.220%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	60630	22.735	ug/l		99
3) Chloromethane	2.209	50	55919	20.446	ug/l		98
4) Vinyl Chloride	2.344	62	53509	20.867	ug/l		99
5) Bromomethane	2.744	94	39726	21.610	ug/l		94
6) Chloroethane	2.903	64	32569	19.931	ug/l		98
7) Trichlorofluoromethane	3.262	101	111720	22.234	ug/l		93
8) Diethyl Ether	3.703	74	27965	19.447	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.079	101	63116	21.963	ug/l		96
10) Methyl Iodide	4.291	142	58792	19.786	ug/l	#	94
11) Tert butyl alcohol	5.179	59	50430	7.949	ug/l	#	75
12) 1,1-Dichloroethene	4.062	96	55869	20.475	ug/l		89
13) Acrolein	3.909	56	10354	78.337	ug/l		93
14) Allyl chloride	4.703	41	79722	19.626	ug/l	#	92
15) Acrylonitrile	5.409	53	62784	97.226	ug/l		99
16) Acetone	4.150	43	49274	93.252	ug/l		92
17) Carbon Disulfide	4.403	76	173221	20.028	ug/l		99
18) Methyl Acetate	4.709	43	31194	21.737	ug/l	#	89
19) Methyl tert-butyl Ether	5.479	73	131885	20.252	ug/l		97
20) Methylene Chloride	4.950	84	79086	22.061	ug/l	#	83
21) trans-1,2-Dichloroethene	5.462	96	68067	20.621	ug/l	#	84
22) Diisopropyl ether	6.356	45	177574	20.258	ug/l	#	93
23) Vinyl Acetate	6.297	43	460149	96.764	ug/l	#	92
24) 1,1-Dichloroethane	6.256	63	115770	20.603	ug/l		98
25) 2-Butanone	7.209	43	74364	95.647	ug/l	#	90
26) 2,2-Dichloropropane	7.197	77	106580	21.157	ug/l		98
27) cis-1,2-Dichloroethene	7.197	96	75065	21.037	ug/l		88
28) Bromochloromethane	7.544	49	39868	18.078	ug/l	#	72
29) Tetrahydrofuran	7.561	42	46832	94.425	ug/l	#	84
30) Chloroform	7.703	83	128382	21.386	ug/l		95
31) Cyclohexane	7.979	56	100913	19.962	ug/l		85
32) 1,1,1-Trichloroethane	7.903	97	113859	21.525	ug/l		96
36) 1,1-Dichloropropene	8.103	75	93571	21.123	ug/l		95
37) Ethyl Acetate	7.285	43	34377	19.212	ug/l	#	93
38) Carbon Tetrachloride	8.091	117	105919	22.857	ug/l		98
39) Methylcyclohexane	9.350	83	104876	20.316	ug/l		92
40) Benzene	8.350	78	269814	20.940	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	20557	21.191	ug/l	#	91
42) 1,2-Dichloroethane	8.414	62	79261	22.249	ug/l		96
43) Isopropyl Acetate	8.450	43	64594	18.763	ug/l	#	86
44) Trichloroethene	9.103	130	74906	20.872	ug/l		86
45) 1,2-Dichloropropane	9.385	63	67030	20.999	ug/l		96
46) Dibromomethane	9.467	93	37379	20.787	ug/l		96
47) Bromodichloromethane	9.655	83	97700	21.683	ug/l		99
48) Methyl methacrylate	9.450	41	34111	20.002	ug/l	#	87
49) 1,4-Dioxane	9.455	88	8621	416.835	ug/l		93
51) 4-Methyl-2-Pentanone	10.220	43	171851	98.652	ug/l		89
52) Toluene	10.397	92	177819	21.517	ug/l		97
53) t-1,3-Dichloropropene	10.608	75	87485	20.702	ug/l		97
54) cis-1,3-Dichloropropene	10.079	75	104350	21.084	ug/l	#	88
55) 1,1,2-Trichloroethane	10.791	97	51722	20.168	ug/l		99
56) Ethyl methacrylate	10.655	69	57527	19.578	ug/l	#	81
57) 1,3-Dichloropropane	10.938	76	87754	21.008	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.932	63	114189	94.521	ug/l		93
59) 2-Hexanone	10.973	43	116992	98.065	ug/l		91
60) Dibromochloromethane	11.126	129	69363	21.914	ug/l		97
61) 1,2-Dibromoethane	11.238	107	50808	20.792	ug/l		99
64) Tetrachloroethene	10.867	164	62817	20.992	ug/l		96
65) Chlorobenzene	11.661	112	190903	21.109	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.732	131	77209	22.501	ug/l		94
67) Ethyl Benzene	11.732	91	329595	20.855	ug/l		100
68) m/p-Xylenes	11.844	106	265945	42.881	ug/l		99
69) o-Xylene	12.173	106	118188	20.710	ug/l		99
70) Styrene	12.185	104	215043	21.846	ug/l		96
71) Bromoform	12.349	173	41726	22.239	ug/l	#	99
73) Isopropylbenzene	12.467	105	322388	20.394	ug/l		98
74) N-amyl acetate	12.273	43	64948	18.469	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.720	83	61180	20.387	ug/l		99
76) 1,2,3-Trichloropropane	12.767	75	43405m	19.591	ug/l		
77) Bromobenzene	12.749	156	81119	21.012	ug/l		87
78) n-propylbenzene	12.808	91	403672	20.516	ug/l		97
79) 2-Chlorotoluene	12.896	91	239245	20.918	ug/l		97
80) 1,3,5-Trimethylbenzene	12.949	105	287147	21.062	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.514	75	18246	19.330	ug/l		87
82) 4-Chlorotoluene	12.991	91	254134	21.076	ug/l		98
83) tert-Butylbenzene	13.208	119	229508	19.918	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	285377	20.972	ug/l		98
85) sec-Butylbenzene	13.385	105	364140	21.096	ug/l		98
86) p-Isopropyltoluene	13.502	119	300031	20.851	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	164479	20.865	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	163221	20.930	ug/l		99
89) n-Butylbenzene	13.826	91	275904	20.326	ug/l		99
90) Hexachloroethane	14.096	117	62101	20.840	ug/l		95
91) 1,2-Dichlorobenzene	13.873	146	143518	21.108	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	10345	21.585	ug/l		95
93) 1,2,4-Trichlorobenzene	15.143	180	78470	19.273	ug/l		96
94) Hexachlorobutadiene	15.249	225	47582	21.305	ug/l		99
95) Naphthalene	15.385	128	139871	19.756	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	71823	20.203	ug/l		99

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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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