Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
Data File : VD074057.D
Acq On : 12 Aug 2022 10:21
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 01:48:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 01:47:26 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	155465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	247897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	126295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57085	45.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.920%			
35) Dibromofluoromethane	7.903	113	70316	42.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.420%			
50) Toluene-d8	10.332	98	193784	44.350	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.700%			
62) 4-Bromofluorobenzene	12.620	95	94821	46.830	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	65607	48.018	ug/l	100
3) Chloromethane	2.209	50	101081	47.902	ug/l	98
4) Vinyl Chloride	2.344	62	138340	41.808	ug/l	95
5) Bromomethane	2.768	94	95200	41.760	ug/l	94
6) Chloroethane	2.915	64	107151	45.251	ug/l	99
7) Trichlorofluoromethane	3.268	101	152787	48.508	ug/l	89
8) Diethyl Ether	3.709	74	35400	48.902	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	85745	47.582	ug/l	100
10) Methyl Iodide	4.297	142	87237	47.137	ug/l	98
11) Tert butyl alcohol	5.226	59	21691	274.203	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	73559	47.318	ug/l	95
13) Acrolein	3.920	56	28065	231.371	ug/l	95
14) Allyl chloride	4.709	41	98643	49.367	ug/l	99
15) Acrylonitrile	5.409	53	74818	249.109	ug/l	98
16) Acetone	4.150	43	96088	386.276	ug/l	98
17) Carbon Disulfide	4.403	76	230065	45.641	ug/l	96
18) Methyl Acetate	4.709	43	35724	50.779	ug/l	95
19) Methyl tert-butyl Ether	5.467	73	174954	50.492	ug/l	95
20) Methylene Chloride	4.956	84	95814	58.330	ug/l	98
21) trans-1,2-Dichloroethene	5.462	96	91239	48.878	ug/l	97
22) Diisopropyl ether	6.356	45	220276	51.256	ug/l	97
23) Vinyl Acetate	6.297	43	600402	265.280	ug/l	99
24) 1,1-Dichloroethane	6.256	63	149599	48.584	ug/l	96
25) 2-Butanone	7.203	43	114641	294.700	ug/l	100
26) 2,2-Dichloropropane	7.203	77	148406	50.422	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	98054	49.152	ug/l	99
28) Bromochloromethane	7.538	49	56075	47.189	ug/l #	95
29) Tetrahydrofuran	7.550	42	60547	252.815	ug/l	96
30) Chloroform	7.697	83	171319	49.083	ug/l	98
31) Cyclohexane	7.979	56	126454	46.347	ug/l	99
32) 1,1,1-Trichloroethane	7.891	97	163434	49.224	ug/l	98
36) 1,1-Dichloropropene	8.103	75	126545	50.505	ug/l	99
37) Ethyl Acetate	7.285	43	45536	51.065	ug/l	96
38) Carbon Tetrachloride	8.085	117	143402	50.766	ug/l	99
39) Methylcyclohexane	9.344	83	147744	51.982	ug/l	95
40) Benzene	8.338	78	344275	50.685	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	23161	47.528	ug/l		96
42) 1,2-Dichloroethane	8.414	62	104257	49.793	ug/l		100
43) Isopropyl Acetate	8.444	43	89824	52.697	ug/l		98
44) Trichloroethene	9.103	130	98652	49.369	ug/l		98
45) 1,2-Dichloropropane	9.373	63	81990	50.155	ug/l		100
46) Dibromomethane	9.461	93	55005	52.256	ug/l		96
47) Bromodichloromethane	9.650	83	133647	51.039	ug/l		97
48) Methyl methacrylate	9.444	41	43617	53.637	ug/l		88
49) 1,4-Dioxane	9.450	88	11259	1094.391	ug/l		95
51) 4-Methyl-2-Pentanone	10.214	43	232800	266.059	ug/l		100
52) Toluene	10.391	92	234405	51.701	ug/l		100
53) t-1,3-Dichloropropene	10.608	75	117274	51.949	ug/l		100
54) cis-1,3-Dichloropropene	10.079	75	135715	52.016	ug/l		98
55) 1,1,2-Trichloroethane	10.791	97	69799	52.171	ug/l		94
56) Ethyl methacrylate	10.650	69	76763	54.649	ug/l		98
57) 1,3-Dichloropropane	10.932	76	110335	51.193	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.932	63	153015	261.076	ug/l		98
59) 2-Hexanone	10.973	43	172514	294.081	ug/l		100
60) Dibromochloromethane	11.126	129	92601	51.103	ug/l		100
61) 1,2-Dibromoethane	11.232	107	67906	50.254	ug/l		100
64) Tetrachloroethene	10.867	164	83735	47.469	ug/l		97
65) Chlorobenzene	11.655	112	254173	50.588	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	99333	52.021	ug/l		99
67) Ethyl Benzene	11.732	91	452679	51.716	ug/l		99
68) m/p-Xylenes	11.844	106	373796	106.905	ug/l		99
69) o-Xylene	12.167	106	168099	52.492	ug/l		99
70) Styrene	12.179	104	295520	54.498	ug/l		99
71) Bromoform	12.349	173	55950	53.241	ug/l	#	100
73) Isopropylbenzene	12.467	105	455146	51.833	ug/l		99
74) N-amyl acetate	12.273	43	85354	50.896	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	76757	48.158	ug/l		97
76) 1,2,3-Trichloropropane	12.767	75	52489m	45.520	ug/l		
77) Bromobenzene	12.743	156	106646	50.855	ug/l		95
78) n-propylbenzene	12.808	91	557261	51.250	ug/l		99
79) 2-Chlorotoluene	12.891	91	306481	50.074	ug/l		100
80) 1,3,5-Trimethylbenzene	12.943	105	391687	52.541	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	23550	54.510	ug/l		99
82) 4-Chlorotoluene	12.991	91	329647	51.326	ug/l		99
83) tert-Butylbenzene	13.208	119	331746	52.387	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	391871	52.292	ug/l		99
85) sec-Butylbenzene	13.385	105	511611	52.429	ug/l		100
86) p-Isopropyltoluene	13.496	119	436723	53.458	ug/l		98
87) 1,3-Dichlorobenzene	13.496	146	230523	52.365	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	220655	49.836	ug/l		98
89) n-Butylbenzene	13.826	91	403075	52.682	ug/l		100
90) Hexachloroethane	14.090	117	84661	52.397	ug/l		99
91) 1,2-Dichlorobenzene	13.873	146	192610	50.948	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12580	50.238	ug/l		99
93) 1,2,4-Trichlorobenzene	15.137	180	163301	73.781	ug/l		97
94) Hexachlorobutadiene	15.243	225	91653	72.373	ug/l		97
95) Naphthalene	15.379	128	264340	67.956	ug/l		100
96) 1,2,3-Trichlorobenzene	15.573	180	101715	52.257	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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