Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
Data File : VD074187.D
Acq On : 23 Aug 2022 14:48
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 05:47:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082322

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	167838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	265581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	248078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74187	43.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.520%		
35) Dibromofluoromethane	7.902	113	80492	45.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.620%		
50) Toluene-d8	10.332	98	258020	45.130	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.260%		
62) 4-Bromofluorobenzene	12.620	95	108389	47.988	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	68249	48.458	ug/l	100
3) Chloromethane	2.209	50	55046	54.855	ug/l	93
4) Vinyl Chloride	2.344	62	57254	54.350	ug/l	98
5) Bromomethane	2.767	94	36037	52.970	ug/l	90
6) Chloroethane	2.914	64	36521	53.421	ug/l	98
7) Trichlorofluoromethane	3.267	101	161082	52.635	ug/l	98
8) Diethyl Ether	3.703	74	46283	56.279	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	97480	52.643	ug/l	96
10) Methyl Iodide	4.291	142	112775	50.293	ug/l	97
11) Tert butyl alcohol	5.220	59	28096	263.071	ug/l	98
12) 1,1-Dichloroethene	4.061	96	90860	54.866	ug/l	92
13) Acrolein	3.926	56	10175	238.338	ug/l	98
14) Allyl chloride	4.702	41	145052	55.948	ug/l	93
15) Acrylonitrile	5.408	53	102117	267.054	ug/l	100
16) Acetone	4.155	43	89688	274.486	ug/l #	88
17) Carbon Disulfide	4.403	76	286483	53.488	ug/l	99
18) Methyl Acetate	4.720	43	49608	51.462	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	216739	54.652	ug/l	94
20) Methylene Chloride	4.955	84	111546	53.856	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	106473	54.985	ug/l	90
22) Diisopropyl ether	6.361	45	289025	54.358	ug/l #	92
23) Vinyl Acetate	6.297	43	796077	264.863	ug/l #	93
24) 1,1-Dichloroethane	6.255	63	183603	52.377	ug/l	98
25) 2-Butanone	7.202	43	128872	254.771	ug/l	93
26) 2,2-Dichloropropane	7.202	77	163268	51.692	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	114147	52.456	ug/l	91
28) Bromochloromethane	7.538	49	53665	50.647	ug/l #	73
29) Tetrahydrofuran	7.555	42	80492	263.677	ug/l	90
30) Chloroform	7.696	83	186152	50.367	ug/l	96
31) Cyclohexane	7.979	56	158279	51.849	ug/l	92
32) 1,1,1-Trichloroethane	7.896	97	173402	50.630	ug/l	95
36) 1,1-Dichloropropene	8.102	75	147123	54.795	ug/l	96
37) Ethyl Acetate	7.291	43	56135	53.027	ug/l #	93
38) Carbon Tetrachloride	8.091	117	153354	53.169	ug/l	99
39) Methylcyclohexane	9.349	83	174825	51.476	ug/l	94
40) Benzene	8.343	78	402199	53.142	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	33655	52.887	ug/l	#	92
42) 1,2-Dichloroethane	8.414	62	115974	51.985	ug/l		97
43) Isopropyl Acetate	8.443	43	108932	51.156	ug/l	#	92
44) Trichloroethene	9.102	130	116728	53.198	ug/l		92
45) 1,2-Dichloropropane	9.379	63	97942	51.842	ug/l		96
46) Dibromomethane	9.467	93	55268	52.437	ug/l		94
47) Bromodichloromethane	9.649	83	142467	51.968	ug/l		98
48) Methyl methacrylate	9.449	41	52605	53.437	ug/l	#	86
49) 1,4-Dioxane	9.455	88	13542	1132.295	ug/l		95
51) 4-Methyl-2-Pentanone	10.220	43	285009	267.904	ug/l		92
52) Toluene	10.390	92	266143	53.495	ug/l		95
53) t-1,3-Dichloropropene	10.608	75	136744	55.004	ug/l		97
54) cis-1,3-Dichloropropene	10.079	75	159569	54.134	ug/l	#	88
55) 1,1,2-Trichloroethane	10.790	97	75922	52.668	ug/l		96
56) Ethyl methacrylate	10.649	69	93328	56.674	ug/l		86
57) 1,3-Dichloropropane	10.932	76	127472	52.917	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	113432	227.559	ug/l		92
59) 2-Hexanone	10.973	43	196577	274.056	ug/l		93
60) Dibromochloromethane	11.126	129	96346	51.465	ug/l		99
61) 1,2-Dibromoethane	11.237	107	73289	52.122	ug/l		98
64) Tetrachloroethene	10.867	164	96929	53.542	ug/l		97
65) Chlorobenzene	11.655	112	275739	51.000	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.732	131	103557	50.947	ug/l		99
67) Ethyl Benzene	11.732	91	499522	53.984	ug/l		96
68) m/p-Xylenes	11.843	106	397077	107.740	ug/l		98
69) o-Xylene	12.167	106	185040	54.414	ug/l		94
70) Styrene	12.184	104	315110	54.046	ug/l		98
71) Bromoform	12.343	173	55734	50.416	ug/l	#	99
73) Isopropylbenzene	12.467	105	491942	53.818	ug/l		97
74) N-amyl acetate	12.273	43	103755	52.180	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.714	83	81373	49.844	ug/l		98
76) 1,2,3-Trichloropropane	12.767	75	66962m	54.323	ug/l		
77) Bromobenzene	12.749	156	110800	51.163	ug/l		90
78) n-propylbenzene	12.808	91	598779	53.561	ug/l		98
79) 2-Chlorotoluene	12.890	91	338469	52.433	ug/l		96
80) 1,3,5-Trimethylbenzene	12.943	105	416587	53.048	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.514	75	25208	52.590	ug/l		89
82) 4-Chlorotoluene	12.990	91	354557	51.920	ug/l		98
83) tert-Butylbenzene	13.208	119	355407	53.728	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	410289	53.684	ug/l		98
85) sec-Butylbenzene	13.384	105	539163	53.922	ug/l		99
86) p-Isopropyltoluene	13.502	119	446176	54.080	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	223814	51.091	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	222771	50.475	ug/l		99
89) n-Butylbenzene	13.826	91	420995	53.839	ug/l		98
90) Hexachloroethane	14.090	117	82080	49.039	ug/l		96
91) 1,2-Dichlorobenzene	13.873	146	196273	51.529	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	14071	52.649	ug/l		92
93) 1,2,4-Trichlorobenzene	15.137	180	121391	52.219	ug/l		99
94) Hexachlorobutadiene	15.249	225	66595	51.047	ug/l		99
95) Naphthalene	15.378	128	230231	48.990	ug/l		98
96) 1,2,3-Trichlorobenzene	15.573	180	105815	52.193	ug/l		99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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