Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008626.D
Acq On : 04 May 2022 20:39
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 05 04:39:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

05/05/2022
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05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	138379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75773	56.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.680%			
35) Dibromofluoromethane	7.716	113	83270	58.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.040%			
50) Toluene-d8	10.179	98	301718	59.336	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.680%			
62) 4-Bromofluorobenzene	12.483	95	105545	56.631	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	69630	50.206	ug/l	99
3) Chloromethane	2.113	50	84420	52.367	ug/l	93
4) Vinyl Chloride	2.253	62	98390	50.764	ug/l	97
5) Bromomethane	2.650	94	75548	53.071	ug/l	99
6) Chloroethane	2.790	64	62072	49.973	ug/l	99
7) Trichlorofluoromethane	3.125	101	139958	53.390	ug/l	96
8) Diethyl Ether	3.527	74	49294	58.715	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.893	101	86128	55.889	ug/l	94
10) Methyl Iodide	4.088	142	114335	59.847	ug/l #	87
11) Tert butyl alcohol	4.948	59	40761	299.254	ug/l	96
12) 1,1-Dichloroethene	3.869	96	82359	56.716	ug/l #	76
13) Acrolein	3.729	56	48929	269.243	ug/l	97
14) Allyl chloride	4.478	41	107170	61.646	ug/l #	86
15) Acrylonitrile	5.161	53	121153	316.518	ug/l	96
16) Acetone	3.942	43	82103	283.323	ug/l #	84
17) Carbon Disulfide	4.192	76	245701	59.507	ug/l	98
18) Methyl Acetate	4.472	43	51900	63.312	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	233835	58.397	ug/l	95
20) Methylene Chloride	4.710	84	110619	66.177	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	97261	58.960	ug/l #	81
22) Diisopropyl ether	6.118	45	250281	62.361	ug/l #	87
23) Vinyl Acetate	6.057	43	830568	316.900	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	153585	60.709	ug/l	96
25) 2-Butanone	6.984	43	143419	308.327	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	129764	53.554	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	111432	59.025	ug/l	79
28) Bromochloromethane	7.332	49	56708	58.623	ug/l #	63
29) Tetrahydrofuran	7.344	42	98836	320.364	ug/l #	78
30) Chloroform	7.508	83	165924	58.535	ug/l	100
31) Cyclohexane	7.783	56	135366	58.312	ug/l #	85
32) 1,1,1-Trichloroethane	7.703	97	146733	56.433	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	127170	56.979	ug/l	94
37) Ethyl Acetate	7.069	43	67050	58.581	ug/l #	89
38) Carbon Tetrachloride	7.899	117	136245	53.508	ug/l	97
39) Methylcyclohexane	9.185	83	165869	56.339	ug/l #	85
40) Benzene	8.161	78	376313	58.373	ug/l	97

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Supervised By :Mahesh Dadoda 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	34036m	67.782	ug/l		
42) 1,2-Dichloroethane	8.234	62	100390	53.802	ug/l		87
43) Isopropyl Acetate	8.270	43	121640	58.410	ug/l	#	85
44) Trichloroethene	8.941	130	111274	55.026	ug/l		96
45) 1,2-Dichloropropane	9.215	63	90540	60.202	ug/l		95
46) Dibromomethane	9.307	93	58834	56.039	ug/l		95
47) Bromodichloromethane	9.496	83	129724	56.708	ug/l		99
48) Methyl methacrylate	9.295	41	53363	58.296	ug/l	#	73
49) 1,4-Dioxane	9.295	88	15954	1198.484	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.069	43	328058	300.127	ug/l	#	83
52) Toluene	10.246	92	250201	58.066	ug/l		94
53) t-1,3-Dichloropropene	10.465	75	137708	56.943	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	155245	57.781	ug/l	#	77
55) 1,1,2-Trichloroethane	10.642	97	84280	57.608	ug/l		94
56) Ethyl methacrylate	10.508	69	111574	60.372	ug/l	#	71
57) 1,3-Dichloropropane	10.788	76	137003	58.663	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.782	63	265654	283.210	ug/l	#	90
59) 2-Hexanone	10.831	43	228425	306.863	ug/l		79
60) Dibromochloromethane	10.983	129	102799	56.174	ug/l		100
61) 1,2-Dibromoethane	11.087	107	84034	56.755	ug/l		99
64) Tetrachloroethene	10.721	164	99192	53.137	ug/l		98
65) Chlorobenzene	11.514	112	276594	56.115	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	103699	55.726	ug/l		98
67) Ethyl Benzene	11.593	91	472018	56.921	ug/l		97
68) m/p-Xylenes	11.703	106	382347	112.869	ug/l		89
69) o-Xylene	12.032	106	184624	56.868	ug/l		87
70) Styrene	12.044	104	309895	57.421	ug/l		93
71) Bromoform	12.209	173	67822	54.825	ug/l	#	99
73) Isopropylbenzene	12.331	105	472598	56.709	ug/l		98
74) N-amyl acetate	12.142	43	110441	59.301	ug/l	#	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	100340	59.498	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	72844m	63.879	ug/l		
77) Bromobenzene	12.611	156	121148	55.096	ug/l		87
78) n-propylbenzene	12.672	91	560521	57.798	ug/l		96
79) 2-Chlorotoluene	12.757	91	311521	57.054	ug/l		94
80) 1,3,5-Trimethylbenzene	12.812	105	391421	56.848	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.379	75	33025	58.715	ug/l	#	78
82) 4-Chlorotoluene	12.855	91	325034	57.788	ug/l		95
83) tert-Butylbenzene	13.074	119	349038	56.597	ug/l		91
84) 1,2,4-Trimethylbenzene	13.123	105	388422	56.756	ug/l		96
85) sec-Butylbenzene	13.257	105	515685	56.739	ug/l		98
86) p-Isopropyltoluene	13.373	119	436472	56.565	ug/l		95
87) 1,3-Dichlorobenzene	13.367	146	232547	54.684	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	229762	54.775	ug/l		98
89) n-Butylbenzene	13.696	91	387880	57.068	ug/l		97
90) Hexachloroethane	13.965	117	82723	57.885	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	210010	55.338	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15084	58.771	ug/l		63
93) 1,2,4-Trichlorobenzene	15.007	180	130186	53.762	ug/l		100
94) Hexachlorobutadiene	15.117	225	70305	51.410	ug/l		98
95) Naphthalene	15.239	128	276511	56.943	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	115261	53.628	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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