Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
Data File : VY008254.D
Acq On : 08 Apr 2022 12:09
Operator : KP/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 08 12:59:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 12:53:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
Supervised By :Semsettin Yesilyurt 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	121412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24370	20.724	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.440%#		
35) Dibromofluoromethane	7.722	113	25166	19.604	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.200%#		
50) Toluene-d8	10.179	98	87780	18.426	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	36.860%#		
62) 4-Bromofluorobenzene	12.483	95	33323	19.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	23917	23.100	ug/l	99
3) Chloromethane	2.113	50	30868	24.120	ug/l	95
4) Vinyl Chloride	2.247	62	41326	24.234	ug/l	98
5) Bromomethane	2.644	94	35683	25.271	ug/l	99
6) Chloroethane	2.790	64	28769	25.325	ug/l	99
7) Trichlorofluoromethane	3.125	101	49431	22.949	ug/l	96
8) Diethyl Ether	3.528	74	16360	23.221	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	31180	23.191	ug/l	91
10) Methyl Iodide	4.088	142	31631	22.998	ug/l	89
11) Tert butyl alcohol	4.960	59	13681	113.203	ug/l	96
12) 1,1-Dichloroethene	3.869	96	27923	22.536	ug/l #	75
13) Acrolein	3.729	56	7590	72.666	ug/l	98
14) Allyl chloride	4.473	41	36618	22.468	ug/l #	91
15) Acrylonitrile	5.155	53	39867	118.139	ug/l	97
16) Acetone	3.942	43	29537	110.241	ug/l #	84
17) Carbon Disulfide	4.192	76	76708	22.262	ug/l	97
18) Methyl Acetate	4.479	43	18524	20.309	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	80535	22.558	ug/l	92
20) Methylene Chloride	4.710	84	39869	24.761	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	32805	22.730	ug/l #	81
22) Diisopropyl ether	6.119	45	84682	23.809	ug/l #	88
23) Vinyl Acetate	6.058	43	266213	121.644	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	53569	22.850	ug/l	96
25) 2-Butanone	6.984	43	48668	119.270	ug/l #	77
26) 2,2-Dichloropropane	6.978	77	49330	22.265	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	38461	22.805	ug/l	82
28) Bromochloromethane	7.332	49	17624	21.326	ug/l #	70
29) Tetrahydrofuran	7.344	42	31052	116.795	ug/l #	73
30) Chloroform	7.503	83	59486	23.313	ug/l	96
31) Cyclohexane	7.783	56	47944	21.919	ug/l #	81
32) 1,1,1-Trichloroethane	7.698	97	52667	22.515	ug/l	95
36) 1,1-Dichloropropene	7.917	75	43748	21.790	ug/l	97
37) Ethyl Acetate	7.070	43	21090	22.386	ug/l #	90
38) Carbon Tetrachloride	7.899	117	45707	20.910	ug/l	100
39) Methylcyclohexane	9.185	83	57612	21.383	ug/l #	84
40) Benzene	8.161	78	129832	22.463	ug/l	96

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41) Methacrylonitrile	7.307	41	13050m	27.010	ug/l		
42) 1,2-Dichloroethane	8.234	62	36263	22.254	ug/l		89
43) Isopropyl Acetate	8.271	43	40303	21.881	ug/l	#	86
44) Trichloroethene	8.941	130	35766	21.387	ug/l		98
45) 1,2-Dichloropropane	9.216	63	31461	22.959	ug/l		97
46) Dibromomethane	9.307	93	20093	22.323	ug/l		95
47) Bromodichloromethane	9.496	83	45507	22.110	ug/l		97
48) Methyl methacrylate	9.295	41	16949	20.994	ug/l	#	75
49) 1,4-Dioxane	9.295	88	5229	440.582	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.069	43	106686	114.915	ug/l	#	83
52) Toluene	10.246	92	85791	22.673	ug/l		95
53) t-1,3-Dichloropropene	10.465	75	45755	21.768	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	52040	21.835	ug/l	#	82
55) 1,1,2-Trichloroethane	10.642	97	28791	23.093	ug/l		99
56) Ethyl methacrylate	10.508	69	35396	22.083	ug/l	#	75
57) 1,3-Dichloropropane	10.788	76	46670	22.911	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.783	63	67431	100.307	ug/l		90
59) 2-Hexanone	10.831	43	74027	114.509	ug/l		84
60) Dibromochloromethane	10.984	129	32515	21.510	ug/l		100
61) 1,2-Dibromoethane	11.087	107	27603	22.335	ug/l		98
64) Tetrachloroethene	10.721	164	30795	20.492	ug/l		98
65) Chlorobenzene	11.514	112	93273	21.126	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	33665	20.596	ug/l		97
67) Ethyl Benzene	11.593	91	162612	21.088	ug/l		98
68) m/p-Xylenes	11.703	106	129048	42.153	ug/l		92
69) o-Xylene	12.032	106	61038	20.756	ug/l		92
70) Styrene	12.044	104	102129	21.219	ug/l		95
71) Bromoform	12.209	173	19524	19.905	ug/l	#	100
73) Isopropylbenzene	12.331	105	162355	20.649	ug/l		99
74) N-amyl acetate	12.142	43	35431	20.625	ug/l	#	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	34350	22.343	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	25726m	21.820	ug/l		
77) Bromobenzene	12.611	156	37977	20.969	ug/l		94
78) n-propylbenzene	12.672	91	195230	21.020	ug/l		99
79) 2-Chlorotoluene	12.758	91	107834	20.956	ug/l		97
80) 1,3,5-Trimethylbenzene	12.813	105	134085	20.810	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	10754	20.775	ug/l	#	82
82) 4-Chlorotoluene	12.855	91	110335	20.888	ug/l		96
83) tert-Butylbenzene	13.075	119	118585	20.685	ug/l		92
84) 1,2,4-Trimethylbenzene	13.123	105	132678	21.077	ug/l		97
85) sec-Butylbenzene	13.251	105	179062	21.085	ug/l		99
86) p-Isopropyltoluene	13.373	119	146845	20.780	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	75468	20.954	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	75254	20.972	ug/l		98
89) n-Butylbenzene	13.697	91	136452	20.993	ug/l		99
90) Hexachloroethane	13.965	117	27178	19.948	ug/l		80
91) 1,2-Dichlorobenzene	13.739	146	66697	21.053	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4716	19.449	ug/l		73
93) 1,2,4-Trichlorobenzene	15.007	180	37905	19.998	ug/l		100
94) Hexachlorobutadiene	15.117	225	19910	19.849	ug/l		99
95) Naphthalene	15.239	128	80429	19.375	ug/l		97
96) 1,2,3-Trichlorobenzene	15.428	180	32801	19.999	ug/l		98

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

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