Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
Data File : VY008259.D
Acq On : 08 Apr 2022 14:58
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 08 15:29:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 14:04:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

04/11/2022
Supervised By :Semsettin Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.789	168	118092	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	203153	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	189893	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88742	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.142	65	5471	4.560	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 9.120%#				
35) Dibromofluoromethane	7.716	113	4629	3.712	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 7.420%#				
50) Toluene-d8	10.179	98	14862	3.426	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 6.860%#				
62) 4-Bromofluorobenzene	12.483	95	6463	3.968	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 7.940%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	4725	4.448	ug/l		96
3) Chloromethane	2.113	50	6481	4.595	ug/l	#	88
4) Vinyl Chloride	2.253	62	7986	4.298	ug/l		99
5) Bromomethane	2.656	94	8356	4.942	ug/l		91
6) Chloroethane	2.796	64	5510	4.181	ug/l		93
7) Trichlorofluoromethane	3.131	101	8850	3.926	ug/l		100
8) Diethyl Ether	3.534	74	3667	4.611	ug/l		75
9) 1,1,2-Trichlorotrifluo...	3.893	101	5749	3.987	ug/l		90
10) Methyl Iodide	4.101	142	3748	2.591	ug/l	#	83
11) Tert butyl alcohol	4.960	59	3441	30.345	ug/l	#	94
12) 1,1-Dichloroethene	3.875	96	5039	3.904	ug/l		82
13) Acrolein	3.729	56	2185	24.371	ug/l		96
14) Allyl chloride	4.478	41	6803	4.122	ug/l	#	89
15) Acrylonitrile	5.167	53	10475	27.472	ug/l		93
16) Acetone	3.942	43	7716	26.478	ug/l		95
17) Carbon Disulfide	4.198	76	13970	4.086	ug/l		100
18) Methyl Acetate	4.478	43	4602	4.372	ug/l	#	81
19) Methyl tert-butyl Ether	5.216	73	18230	4.652	ug/l		92
20) Methylene Chloride	4.716	84	13565	6.429	ug/l	#	78
21) trans-1,2-Dichloroethene	5.210	96	6184	4.055	ug/l	#	77
22) Diisopropyl ether	6.118	45	17272	4.347	ug/l	#	91
23) Vinyl Acetate	6.057	43	59393	24.851	ug/l	#	91
24) 1,1-Dichloroethane	6.021	63	10690	4.201	ug/l	#	96
25) 2-Butanone	6.990	43	11973	26.216	ug/l	#	88
26) 2,2-Dichloropropane	6.978	77	9104	3.936	ug/l		90
27) cis-1,2-Dichloroethene	6.978	96	7394	4.024	ug/l		83
28) Bromochloromethane	7.326	49	4122	4.319	ug/l	#	77
29) Tetrahydrofuran	7.350	42	7828	26.587	ug/l	#	68
30) Chloroform	7.502	83	12265	4.359	ug/l		98
31) Cyclohexane	7.789	56	10553	4.648	ug/l	#	54
32) 1,1,1-Trichloroethane	7.697	97	9835	3.991	ug/l		95
36) 1,1-Dichloropropene	7.917	75	8332	4.119	ug/l		94
37) Ethyl Acetate	7.076	43	5542	5.213	ug/l	#	92
38) Carbon Tetrachloride	7.899	117	8363	3.906	ug/l		98
39) Methylcyclohexane	9.185	83	10053	3.839	ug/l		87
40) Benzene	8.161	78	25129	4.166	ug/l		99

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Instrument :
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ClientSampleId :
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04/11/2022
Supervised By :Semsettin Yesilyurt
04/11/2022

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.326	41	2982m	3.608 ug/l		
42) 1,2-Dichloroethane	8.240	62	8153	4.641 ug/l		89
43) Isopropyl Acetate	8.277	43	9767	5.059 ug/l	#	87
44) Trichloroethene	8.941	130	6848	3.977 ug/l		92
45) 1,2-Dichloropropane	9.215	63	6563	4.433 ug/l		97
46) Dibromomethane	9.307	93	4443	4.572 ug/l		93
47) Bromodichloromethane	9.496	83	9509	4.412 ug/l	#	98
48) Methyl methacrylate	9.295	41	4302	5.440 ug/l	#	83
49) 1,4-Dioxane	9.295	88	1112	89.022 ug/l	#	92
51) 4-Methyl-2-Pentanone	10.069	43	25906	26.325 ug/l	#	86
52) Toluene	10.246	92	16413	4.179 ug/l		95
53) t-1,3-Dichloropropene	10.465	75	9523	4.337 ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	10771	4.407 ug/l	#	79
55) 1,1,2-Trichloroethane	10.642	97	6279	4.584 ug/l		96
56) Ethyl methacrylate	10.508	69	7563	4.611 ug/l	#	76
57) 1,3-Dichloropropane	10.788	76	10377	4.677 ug/l		95
58) 2-Chloroethyl Vinyl ether	9.782	63	17229	24.132 ug/l		92
59) 2-Hexanone	10.831	43	17519	25.876 ug/l		83
60) Dibromochloromethane	10.990	129	6761	4.271 ug/l		99
61) 1,2-Dibromoethane	11.093	107	6205	4.683 ug/l		97
64) Tetrachloroethene	10.721	164	5801	4.054 ug/l		93
65) Chlorobenzene	11.520	112	19010	4.397 ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6553	4.172 ug/l		97
67) Ethyl Benzene	11.593	91	30660	4.171 ug/l		98
68) m/p-Xylenes	11.703	106	23739	8.152 ug/l		94
69) o-Xylene	12.032	106	11828	4.187 ug/l		89
70) Styrene	12.044	104	18944	4.112 ug/l		96
71) Bromoform	12.209	173	4075	4.346 ug/l	#	100
73) Isopropylbenzene	12.331	105	29660	4.222 ug/l		97
74) N-amyl acetate	12.142	43	7957	5.156 ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	7579	5.074 ug/l		95
76) 1,2,3-Trichloropropane	12.636	75	5282m	3.967 ug/l		
77) Bromobenzene	12.611	156	7415	4.346 ug/l		97
78) n-propylbenzene	12.672	91	35511	4.251 ug/l		97
79) 2-Chlorotoluene	12.757	91	20798	4.409 ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	24835	4.363 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	2302	4.933 ug/l	#	83
82) 4-Chlorotoluene	12.855	91	21863	4.570 ug/l		97
83) tert-Butylbenzene	13.075	119	20853	4.059 ug/l		93
84) 1,2,4-Trimethylbenzene	13.123	105	24210	4.283 ug/l		95
85) sec-Butylbenzene	13.257	105	32339	4.259 ug/l		99
86) p-Isopropyltoluene	13.373	119	25787	4.097 ug/l		97
87) 1,3-Dichlorobenzene	13.367	146	14940	4.450 ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	14981	4.481 ug/l		94
89) n-Butylbenzene	13.696	91	24509	4.272 ug/l		99
90) Hexachloroethane	13.965	117	4812	4.133 ug/l		82
91) 1,2-Dichlorobenzene	13.739	146	13512	4.501 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1046	4.928 ug/l		69
93) 1,2,4-Trichlorobenzene	15.007	180	7981	4.571 ug/l		95
94) Hexachlorobutadiene	15.117	225	3807	4.328 ug/l		95
95) Naphthalene	15.239	128	18622	5.110 ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	7220	4.754 ug/l		98

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04/11/2022
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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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