Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
Data File : VY011378.D
Acq On : 10 Nov 2022 09:58
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 10 10:36:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 10:35:29 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.789	168	289060	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	462691	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.490	117	411886	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200502	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.143	65	13563	4.387	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 8.780%#				
35) Dibromofluoromethane	7.716	113	13722	4.616	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 9.240%#				
50) Toluene-d8	10.179	98	53152	4.605	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 9.220%#				
62) 4-Bromofluorobenzene	12.483	95	18131	4.525	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 9.040%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	11729	4.446	ug/l		98
3) Chloromethane	2.113	50	13491	4.209	ug/l		94
4) Vinyl Chloride	2.253	62	15729	4.393	ug/l		98
5) Bromomethane	2.650	94	11749	4.919	ug/l		98
6) Chloroethane	2.796	64	10050	4.368	ug/l		99
7) Trichlorofluoromethane	3.125	101	23423	4.428	ug/l		99
8) Diethyl Ether	3.528	74	7760	4.088	ug/l		77
9) 1,1,2-Trichlorotrifluo...	3.893	101	14277	4.489	ug/l		94
10) Methyl Iodide	4.094	142	17172	4.195	ug/l		91
11) Tert butyl alcohol	4.930	59	14937	32.045	ug/l	#	83
12) 1,1-Dichloroethene	3.869	96	13973	4.444	ug/l	#	76
13) Acrolein	3.729	56	2761	14.404	ug/l		99
14) Allyl chloride	4.479	41	17219	3.615	ug/l	#	83
15) Acrylonitrile	5.167	53	17324	18.190	ug/l		98
16) Acetone	3.948	43	15404	16.506	ug/l	#	71
17) Carbon Disulfide	4.198	76	43173	4.180	ug/l		97
18) Methyl Acetate	4.472	43	12336	4.993	ug/l	#	81
19) Methyl tert-butyl Ether	5.216	73	32023	3.833	ug/l		96
20) Methylene Chloride	4.716	84	28807	6.174	ug/l	#	73
21) trans-1,2-Dichloroethene	5.222	96	15807	4.420	ug/l	#	81
22) Diisopropyl ether	6.112	45	36164	3.662	ug/l		97
23) Vinyl Acetate	6.064	43	88807	14.735	ug/l	#	89
24) 1,1-Dichloroethane	6.021	63	25291	4.090	ug/l		98
25) 2-Butanone	6.990	43	21072	16.048	ug/l	#	88
26) 2,2-Dichloropropane	6.978	77	24452	4.324	ug/l		99
27) cis-1,2-Dichloroethene	6.984	96	16802	4.264	ug/l		85
28) Bromochloromethane	7.338	49	8851	3.726	ug/l	#	72
29) Tetrahydrofuran	7.350	42	12493	16.343	ug/l	#	78
30) Chloroform	7.502	83	26107	4.180	ug/l		96
31) Cyclohexane	7.789	56	25215	4.400	ug/l	#	60
32) 1,1,1-Trichloroethane	7.704	97	24298	4.386	ug/l		94
36) 1,1-Dichloropropene	7.917	75	20760	4.276	ug/l		97
37) Ethyl Acetate	7.076	43	8967	3.426	ug/l	#	89
38) Carbon Tetrachloride	7.899	117	22534	4.474	ug/l		97
39) Methylcyclohexane	9.185	83	23888	4.045	ug/l		91
40) Benzene	8.161	78	61794	4.331	ug/l		96

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Instrument :
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ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/11/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	4213	2.963	ug/l	#	1
42) 1,2-Dichloroethane	8.234	62	15827	4.085	ug/l		90
43) Isopropyl Acetate	8.271	43	15898	3.448	ug/l	#	82
44) Trichloroethene	8.941	130	17196	4.503	ug/l		97
45) 1,2-Dichloropropane	9.216	63	14201	4.026	ug/l		97
46) Dibromomethane	9.307	93	8354	4.192	ug/l		99
47) Bromodichloromethane	9.496	83	19923	4.217	ug/l		98
48) Methyl methacrylate	9.295	41	6402	3.023	ug/l	#	71
49) 1,4-Dioxane	9.295	88	2081	77.614	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.069	43	40704	16.236	ug/l	#	85
52) Toluene	10.246	92	38320	4.331	ug/l		95
53) t-1,3-Dichloropropene	10.465	75	19239	3.867	ug/l		98
54) cis-1,3-Dichloropropene	9.929	75	22726	3.992	ug/l	#	77
55) 1,1,2-Trichloroethane	10.648	97	11615	4.066	ug/l		94
56) Ethyl methacrylate	10.514	69	13025	3.452	ug/l	#	73
57) 1,3-Dichloropropane	10.788	76	19416	3.971	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.782	63	32191	18.199	ug/l		94
59) 2-Hexanone	10.831	43	27567	15.402	ug/l		83
60) Dibromochloromethane	10.983	129	14491	4.270	ug/l		97
61) 1,2-Dibromoethane	11.093	107	11169	4.119	ug/l		97
64) Tetrachloroethene	10.721	164	17364	4.963	ug/l		96
65) Chlorobenzene	11.514	112	42009	4.623	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	15705	4.694	ug/l		98
67) Ethyl Benzene	11.593	91	71656	4.445	ug/l		97
68) m/p-Xylenes	11.703	106	55069	8.801	ug/l		94
69) o-Xylene	12.032	106	25477	4.344	ug/l		92
70) Styrene	12.044	104	41776	4.201	ug/l		95
71) Bromoform	12.209	173	9212	4.430	ug/l	#	100
73) Isopropylbenzene	12.331	105	67787	4.522	ug/l		100
74) N-amyl acetate	12.142	43	12283	3.264	ug/l	#	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	12846	4.141	ug/l		97
76) 1,2,3-Trichloropropane	12.636	75	12089m	4.953	ug/l		
77) Bromobenzene	12.611	156	16397	4.650	ug/l		94
78) n-propylbenzene	12.672	91	81614	4.449	ug/l		100
79) 2-Chlorotoluene	12.758	91	46893	4.462	ug/l		96
80) 1,3,5-Trimethylbenzene	12.812	105	56940	4.489	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	4424	3.879	ug/l	#	82
82) 4-Chlorotoluene	12.855	91	49063	4.530	ug/l		98
83) tert-Butylbenzene	13.075	119	48848	4.469	ug/l		92
84) 1,2,4-Trimethylbenzene	13.123	105	55313	4.409	ug/l		99
85) sec-Butylbenzene	13.251	105	73576	4.540	ug/l		98
86) p-Isopropyltoluene	13.373	119	60632	4.489	ug/l		96
87) 1,3-Dichlorobenzene	13.367	146	34206	4.838	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	34161	4.817	ug/l		96
89) n-Butylbenzene	13.696	91	54406	4.313	ug/l		98
90) Hexachloroethane	13.959	117	12760	4.723	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	29958	4.743	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1973	3.713	ug/l		76
93) 1,2,4-Trichlorobenzene	15.007	180	15963	4.182	ug/l		99
94) Hexachlorobutadiene	15.111	225	10749	4.836	ug/l		99
95) Naphthalene	15.239	128	26315	3.340	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	13385	3.990	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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