Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
Data File : VY006671.D
Acq On : 08 Nov 2021 11:37
Operator : SY/MD
Sample : VY1108SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 08 11:54:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	128997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85065	53.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.180%			
35) Dibromofluoromethane	7.722	113	62834	54.759	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.520%			
50) Toluene-d8	10.185	98	269493	55.403	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.483	95	91732	55.983	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	20258	16.989	ug/l	98
3) Chloromethane	2.119	50	29537	18.352	ug/l	99
4) Vinyl Chloride	2.260	62	33435	18.600	ug/l	95
5) Bromomethane	2.650	94	21508	17.960	ug/l	99
6) Chloroethane	2.802	64	17567	16.550	ug/l	95
7) Trichlorofluoromethane	3.137	101	45383	19.883	ug/l	96
8) Diethyl Ether	3.540	74	14224	19.029	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	24176	20.805	ug/l	98
10) Methyl Iodide	4.107	142	19467	18.830	ug/l	99
11) Tert butyl alcohol	4.960	59	10429	72.319	ug/l	99
12) 1,1-Dichloroethene	3.887	96	22739	19.525	ug/l	97
13) Acrolein	3.735	56	7941	79.653	ug/l	98
14) Allyl chloride	4.497	41	52245	21.796	ug/l	96
15) Acrylonitrile	5.168	53	38685	91.900	ug/l	98
16) Acetone	3.954	43	38469	84.162	ug/l	99
17) Carbon Disulfide	4.204	76	68498	17.932	ug/l	99
18) Methyl Acetate	4.485	43	27904	18.826	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	68499	18.346	ug/l	97
20) Methylene Chloride	4.729	84	30300	18.844	ug/l	92
21) trans-1,2-Dichloroethene	5.229	96	25937	19.639	ug/l	96
22) Diisopropyl ether	6.131	45	108447	22.701	ug/l	97
23) Vinyl Acetate	6.070	43	287018	98.782	ug/l	97
24) 1,1-Dichloroethane	6.027	63	54384	21.771	ug/l	98
25) 2-Butanone	6.997	43	53491	89.327	ug/l	99
26) 2,2-Dichloropropane	6.997	77	48950	20.603	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	30052	19.932	ug/l	93
28) Bromochloromethane	7.344	49	25351	25.014	ug/l	86
29) Tetrahydrofuran	7.356	42	33176	90.303	ug/l	94
30) Chloroform	7.515	83	52110	20.200	ug/l	95
31) Cyclohexane	7.795	56	52160	20.297	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	48056	20.175	ug/l	98
36) 1,1-Dichloropropene	7.923	75	40145	19.736	ug/l	98
37) Ethyl Acetate	7.082	43	22951	17.828	ug/l	98
38) Carbon Tetrachloride	7.905	117	42303	18.852	ug/l	97
39) Methylcyclohexane	9.191	83	46572	18.808	ug/l	98
40) Benzene	8.167	78	114195	19.683	ug/l	98

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.350	41	21133m	28.930 ug/l		
42) 1,2-Dichloroethane	8.246	62	37877	18.282 ug/l		98
43) Isopropyl Acetate	8.277	43	44852	17.960 ug/l		99
44) Trichloroethene	8.947	130	29304	19.585 ug/l		99
45) 1,2-Dichloropropane	9.222	63	30496	21.221 ug/l		98
46) Dibromomethane	9.313	93	14408	18.265 ug/l		96
47) Bromodichloromethane	9.502	83	39479	19.239 ug/l		97
48) Methyl methacrylate	9.295	41	21132	18.257 ug/l		93
49) 1,4-Dioxane	9.301	88	3180	296.943 ug/l		85
51) 4-Methyl-2-Pentanone	10.075	43	116369	88.890 ug/l		99
52) Toluene	10.246	92	69342	19.050 ug/l		98
53) t-1,3-Dichloropropene	10.471	75	41551	18.796 ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	46590	19.452 ug/l		95
55) 1,1,2-Trichloroethane	10.648	97	20537	18.830 ug/l		97
56) Ethyl methacrylate	10.514	69	29343	17.415 ug/l		97
57) 1,3-Dichloropropane	10.795	76	37849	19.095 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	82098	106.809 ug/l		97
59) 2-Hexanone	10.837	43	82333	86.896 ug/l		99
60) Dibromochloromethane	10.990	129	23724	17.635 ug/l		99
61) 1,2-Dibromoethane	11.093	107	18174	17.699 ug/l		98
64) Tetrachloroethene	10.721	164	32900	19.407 ug/l		99
65) Chlorobenzene	11.520	112	73565	19.496 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	27847	19.604 ug/l		98
67) Ethyl Benzene	11.593	91	138952	19.340 ug/l		98
68) m/p-Xylenes	11.709	106	106870	39.539 ug/l		96
69) o-Xylene	12.032	106	49858	19.331 ug/l		99
70) Styrene	12.044	104	83590	18.956 ug/l		99
71) Bromoform	12.209	173	16536	18.416 ug/l	#	98
73) Isopropylbenzene	12.331	105	136044	21.513 ug/l		100
74) N-amyl acetate	12.148	43	32464	15.476 ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.587	83	19730	18.022 ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	20949m	22.488 ug/l		
77) Bromobenzene	12.611	156	29095	19.529 ug/l		93
78) n-propylbenzene	12.672	91	165179	21.136 ug/l		98
79) 2-Chlorotoluene	12.758	91	91652	21.184 ug/l		97
80) 1,3,5-Trimethylbenzene	12.813	105	109766	20.730 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	8188	18.045 ug/l		97
82) 4-Chlorotoluene	12.855	91	95382	21.158 ug/l		97
83) tert-Butylbenzene	13.081	119	94667	20.805 ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	108312	20.458 ug/l		98
85) sec-Butylbenzene	13.258	105	145263	21.261 ug/l		99
86) p-Isopropyltoluene	13.373	119	118711	20.367 ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	58758	19.650 ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	59044	20.083 ug/l		98
89) n-Butylbenzene	13.697	91	116277	21.207 ug/l		99
90) Hexachloroethane	13.965	117	22471	21.346 ug/l		96
91) 1,2-Dichlorobenzene	13.739	146	51467	19.623 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3718	15.997 ug/l		97
93) 1,2,4-Trichlorobenzene	15.007	180	30924	17.861 ug/l		99
94) Hexachlorobutadiene	15.117	225	21595	19.461 ug/l		99
95) Naphthalene	15.239	128	51666	15.245 ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	25308	16.691 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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