Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
Data File : VY016476.D
Acq On : 24 Nov 2023 11:05
Operator : SY/MD
Sample : VY1124SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 04:42:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
11/27/2023
Supervised By :Semsettin Yesilyurt
11/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	151131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66902	48.435	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.860%			
35) Dibromofluoromethane	7.728	113	75579	56.142	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.280%			
50) Toluene-d8	10.185	98	281806	51.621	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.483	95	96277	54.300	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	33719	22.786	ug/l	99
3) Chloromethane	2.113	50	34047	19.645	ug/l	100
4) Vinyl Chloride	2.253	62	38011	20.396	ug/l	95
5) Bromomethane	2.656	94	25422	20.757	ug/l	99
6) Chloroethane	2.796	64	23960	20.149	ug/l	98
7) Trichlorofluoromethane	3.131	101	60958	22.483	ug/l	93
8) Diethyl Ether	3.534	74	16651	20.548	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.906	101	34251	20.974	ug/l	98
10) Methyl Iodide	4.101	142	39264	22.262	ug/l	97
11) Tert butyl alcohol	4.960	59	9708	89.752	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	32879	21.528	ug/l #	80
13) Acrolein	3.735	56	9222	70.685	ug/l	100
14) Allyl chloride	4.491	41	39584	18.265	ug/l #	89
15) Acrylonitrile	5.168	53	30583	95.100	ug/l	98
16) Acetone	3.954	43	29378	128.580	ug/l #	86
17) Carbon Disulfide	4.204	76	99886	21.677	ug/l	99
18) Methyl Acetate	4.485	43	21803	17.959	ug/l #	84
19) Methyl tert-butyl Ether	5.228	73	72386	19.583	ug/l	94
20) Methylene Chloride	4.729	84	40354	23.131	ug/l #	81
21) trans-1,2-Dichloroethene	5.235	96	36675	20.857	ug/l	86
22) Diisopropyl ether	6.131	45	85621	18.332	ug/l #	86
23) Vinyl Acetate	6.070	43	200028	88.385	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	58165	20.186	ug/l	95
25) 2-Butanone	6.990	43	42013	104.981	ug/l #	83
26) 2,2-Dichloropropane	6.990	77	55874	21.306	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	40649	21.450	ug/l	88
28) Bromochloromethane	7.338	49	20319	19.053	ug/l #	70
29) Tetrahydrofuran	7.356	42	22624	85.530	ug/l #	79
30) Chloroform	7.515	83	63929	21.315	ug/l	97
31) Cyclohexane	7.795	56	52180	19.187	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	59795	21.749	ug/l	94
36) 1,1-Dichloropropene	7.923	75	50079	21.423	ug/l	98
37) Ethyl Acetate	7.082	43	16323	17.282	ug/l #	89
38) Carbon Tetrachloride	7.905	117	56570	23.318	ug/l	99
39) Methylcyclohexane	9.191	83	61461	21.101	ug/l	90
40) Benzene	8.167	78	143754	21.889	ug/l	100

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.313	41	9381	19.699 ug/l	#	67
42) 1,2-Dichloroethane	8.246	62	35274	20.729 ug/l		89
43) Isopropyl Acetate	8.277	43	32173	17.622 ug/l	#	85
44) Trichloroethene	8.947	130	42462	22.497 ug/l		97
45) 1,2-Dichloropropane	9.222	63	32566	20.647 ug/l		98
46) Dibromomethane	9.313	93	18186	21.277 ug/l		99
47) Bromodichloromethane	9.502	83	47622	21.672 ug/l		99
48) Methyl methacrylate	9.301	41	17941	17.781 ug/l	#	80
49) 1,4-Dioxane	9.307	88	3572	393.651 ug/l	#	67
51) 4-Methyl-2-Pentanone	10.075	43	82667	89.543 ug/l	#	86
52) Toluene	10.252	92	92378	22.252 ug/l		94
53) t-1,3-Dichloropropene	10.471	75	44304	20.798 ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	53534	21.041 ug/l	#	86
55) 1,1,2-Trichloroethane	10.648	97	25621	21.749 ug/l		96
56) Ethyl methacrylate	10.514	69	21799	19.603 ug/l	#	79
57) 1,3-Dichloropropane	10.795	76	42144	20.987 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	70077	92.935 ug/l	#	89
59) 2-Hexanone	10.837	43	70195	102.220 ug/l		83
60) Dibromochloromethane	10.990	129	33556	22.776 ug/l		99
61) 1,2-Dibromoethane	11.093	107	24665	21.976 ug/l		100
64) Tetrachloroethene	10.727	164	43082	23.274 ug/l		97
65) Chlorobenzene	11.520	112	99065	22.491 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	37154	22.870 ug/l		98
67) Ethyl Benzene	11.599	91	172148	21.747 ug/l		97
68) m/p-Xylenes	11.709	106	134816	44.903 ug/l		93
69) o-Xylene	12.032	106	62020	22.249 ug/l		96
70) Styrene	12.050	104	89674	22.466 ug/l		97
71) Bromoform	12.215	173	19486	23.116 ug/l	#	100
73) Isopropylbenzene	12.331	105	170486	20.685 ug/l		99
74) N-amyl acetate	12.148	43	26812	16.195 ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	26049	19.696 ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	18556m	19.005 ug/l		
77) Bromobenzene	12.611	156	39254	21.073 ug/l		89
78) n-propylbenzene	12.678	91	198225	20.351 ug/l		97
79) 2-Chlorotoluene	12.764	91	110787	20.639 ug/l		98
80) 1,3,5-Trimethylbenzene	12.819	105	140813	21.190 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	8716	19.377 ug/l		87
82) 4-Chlorotoluene	12.861	91	115204	20.770 ug/l		97
83) tert-Butylbenzene	13.081	119	124176	21.215 ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	138142	21.112 ug/l		97
85) sec-Butylbenzene	13.258	105	174933	20.920 ug/l		99
86) p-Isopropyltoluene	13.373	119	152646	21.200 ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	78041	21.776 ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	74643	21.312 ug/l		99
89) n-Butylbenzene	13.703	91	135042	20.309 ug/l		96
90) Hexachloroethane	13.965	117	29780	21.441 ug/l		93
91) 1,2-Dichlorobenzene	13.745	146	65477	21.321 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3882	18.449 ug/l		86
93) 1,2,4-Trichlorobenzene	15.013	180	37686	21.024 ug/l		99
94) Hexachlorobutadiene	15.117	225	23414	22.799 ug/l		100
95) Naphthalene	15.239	128	61657	19.232 ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	30522	20.586 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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