Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
Data File : VY015362.D
Acq On : 29 Aug 2023 18:58
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 31 15:07:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 13:05:25 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	190063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	197762	97.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.120%#			
35) Dibromofluoromethane	7.716	113	178701	100.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.660%#			
50) Toluene-d8	10.179	98	642718	99.643	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 199.280%#			
62) 4-Bromofluorobenzene	12.477	95	239996	100.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 200.460%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	167839	101.589	ug/l	97
3) Chloromethane	2.107	50	218625	99.640	ug/l	97
4) Vinyl Chloride	2.247	62	258546	101.236	ug/l	97
5) Bromomethane	2.619	94	173711	95.593	ug/l	99
6) Chloroethane	2.778	64	170362	101.487	ug/l	97
7) Trichlorofluoromethane	3.113	101	366018	101.319	ug/l	100
8) Diethyl Ether	3.521	74	125684	101.803	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	201384	100.579	ug/l	96
10) Methyl Iodide	4.082	142	263225	111.948	ug/l	99
11) Tert butyl alcohol	4.960	59	196216	482.021	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	191821	101.527	ug/l	92
13) Acrolein	3.723	56	292220	485.804	ug/l	99
14) Allyl chloride	4.472	41	317161	105.433	ug/l	97
15) Acrylonitrile	5.155	53	394062	507.247	ug/l	98
16) Acetone	3.942	43	434416	510.825	ug/l	95
17) Carbon Disulfide	4.186	76	586375	103.813	ug/l	99
18) Methyl Acetate	4.472	43	312836	101.562	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	633484	103.162	ug/l	100
20) Methylene Chloride	4.704	84	239896	101.817	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	223499	102.728	ug/l	99
22) Diisopropyl ether	6.112	45	688499	104.650	ug/l	93
23) Vinyl Acetate	6.058	43	2197108	598.932	ug/l	96
24) 1,1-Dichloroethane	6.009	63	385079	101.251	ug/l	97
25) 2-Butanone	6.978	43	613770	508.856	ug/l	97
26) 2,2-Dichloropropane	6.978	77	329591	102.033	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	252273	102.212	ug/l	94
28) Bromochloromethane	7.326	49	112432	96.402	ug/l	97
29) Tetrahydrofuran	7.344	42	389996	514.881	ug/l	93
30) Chloroform	7.502	83	404416	101.154	ug/l	96
31) Cyclohexane	7.777	56	354315	97.899	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	364808	102.157	ug/l	99
36) 1,1-Dichloropropene	7.911	75	319925	102.294	ug/l	99
37) Ethyl Acetate	7.070	43	242903	100.703	ug/l	96
38) Carbon Tetrachloride	7.893	117	337430	104.463	ug/l	97
39) Methylcyclohexane	9.179	83	412494	104.764	ug/l	94
40) Benzene	8.155	78	900008	103.145	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.307	41	117109m	94.662	ug/l		
42) 1,2-Dichloroethane	8.234	62	293930	101.020	ug/l		95
43) Isopropyl Acetate	8.271	43	439878	105.461	ug/l		97
44) Trichloroethene	8.935	130	249105	100.901	ug/l		99
45) 1,2-Dichloropropane	9.209	63	226269	102.866	ug/l		97
46) Dibromomethane	9.301	93	148578	101.686	ug/l		95
47) Bromodichloromethane	9.490	83	320110	102.446	ug/l		98
48) Methyl methacrylate	9.289	41	202614	105.874	ug/l		93
49) 1,4-Dioxane	9.295	88	56006	2063.596	ug/l	#	53
51) 4-Methyl-2-Pentanone	10.069	43	1263509	521.186	ug/l		94
52) Toluene	10.240	92	579771	103.667	ug/l		95
53) t-1,3-Dichloropropene	10.459	75	360462	108.548	ug/l		99
54) cis-1,3-Dichloropropene	9.923	75	380831	105.424	ug/l		94
55) 1,1,2-Trichloroethane	10.642	97	203300	103.263	ug/l		97
56) Ethyl methacrylate	10.508	69	319780	109.608	ug/l		90
57) 1,3-Dichloropropane	10.788	76	347706	102.599	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.776	63	541401	519.902	ug/l		95
59) 2-Hexanone	10.825	43	957749	526.506	ug/l		92
60) Dibromochloromethane	10.983	129	243464	105.655	ug/l		99
61) 1,2-Dibromoethane	11.087	107	206176	103.351	ug/l		100
64) Tetrachloroethene	10.715	164	256282	99.588	ug/l		99
65) Chlorobenzene	11.514	112	618304	101.204	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.587	131	232812	104.112	ug/l		99
67) Ethyl Benzene	11.587	91	1135429	103.499	ug/l		99
68) m/p-Xylenes	11.697	106	884802	208.075	ug/l		95
69) o-Xylene	12.026	106	419655	103.264	ug/l		99
70) Styrene	12.038	104	716260	104.821	ug/l		97
71) Bromoform	12.203	173	167031	107.079	ug/l	#	99
73) Isopropylbenzene	12.325	105	1112489	102.692	ug/l		100
74) N-amyl acetate	12.142	43	394858	108.490	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.581	83	269416	104.178	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	186386m	97.854	ug/l		
77) Bromobenzene	12.605	156	260101	101.372	ug/l		96
78) n-propylbenzene	12.666	91	1348024	102.835	ug/l		100
79) 2-Chlorotoluene	12.751	91	751542	102.217	ug/l		99
80) 1,3,5-Trimethylbenzene	12.806	105	935230	103.211	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.373	75	94674	109.193	ug/l		96
82) 4-Chlorotoluene	12.849	91	782718	102.432	ug/l		100
83) tert-Butylbenzene	13.075	119	817052	102.948	ug/l		99
84) 1,2,4-Trimethylbenzene	13.117	105	927449	103.086	ug/l		98
85) sec-Butylbenzene	13.251	105	1222292	103.254	ug/l		100
86) p-Isopropyltoluene	13.367	119	1027340	103.548	ug/l		99
87) 1,3-Dichlorobenzene	13.361	146	511924	101.062	ug/l		99
88) 1,4-Dichlorobenzene	13.440	146	512066	100.006	ug/l		100
89) n-Butylbenzene	13.690	91	971381	104.023	ug/l		96
90) Hexachloroethane	13.959	117	186282	104.981	ug/l		89
91) 1,2-Dichlorobenzene	13.733	146	467164	101.060	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	52788	103.187	ug/l		93
93) 1,2,4-Trichlorobenzene	15.001	180	297920	102.623	ug/l		99
94) Hexachlorobutadiene	15.111	225	160207	101.204	ug/l		98
95) Naphthalene	15.233	128	764057	106.248	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	274123	103.521	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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