Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019458.D
Acq On : 09 Sep 2024 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 15:42:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 15:39:13 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	685750	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.616	114	1168478	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	1004968	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	472280	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	638365	100.532	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 201.060%#				
35) Dibromofluoromethane	7.634	113	653139	98.586	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.180%#				
50) Toluene-d8	10.109	98	2413329	98.485	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 196.980%#				
62) 4-Bromofluorobenzene	12.408	95	898819	95.394	ug/l		0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 190.780%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	340330	94.441	ug/l		99
3) Chloromethane	2.068	50	489892	86.346	ug/l		99
4) Vinyl Chloride	2.202	62	561518	91.527	ug/l		99
5) Bromomethane	2.592	94	368392	97.758	ug/l		99
6) Chloroethane	2.733	64	369866	92.534	ug/l		98
7) Trichlorofluoromethane	3.056	101	940579	91.972	ug/l		96
8) Diethyl Ether	3.452	74	331322	96.515	ug/l		87
9) 1,1,2-Trichlorotrifluo...	3.812	101	582499	92.075	ug/l		98
10) Methyl Iodide	4.001	142	763879	94.178	ug/l		95
11) Tert butyl alcohol	4.873	59	251847	491.117	ug/l	#	82
12) 1,1-Dichloroethene	3.787	96	565934	93.018	ug/l		88
13) Acrolein	3.653	56	114506	476.617	ug/l		98
14) Allyl chloride	4.379	41	1023858	93.840	ug/l	#	90
15) Acrylonitrile	5.055	53	731764	494.376	ug/l		99
16) Acetone	3.873	43	732787	484.401	ug/l		88
17) Carbon Disulfide	4.104	76	1614117	98.192	ug/l		97
18) Methyl Acetate	4.385	43	388064	94.527	ug/l		90
19) Methyl tert-butyl Ether	5.110	73	1662742	96.494	ug/l		100
20) Methylene Chloride	4.610	84	625602	90.681	ug/l		89
21) trans-1,2-Dichloroethene	5.110	96	631722	94.729	ug/l		90
22) Diisopropyl ether	6.013	45	2134144	95.252	ug/l		92
23) Vinyl Acetate	5.958	43	6270248	489.955	ug/l		94
24) 1,1-Dichloroethane	5.915	63	1182564	94.059	ug/l		97
25) 2-Butanone	6.890	43	1053151	489.487	ug/l	#	87
26) 2,2-Dichloropropane	6.884	77	1058236	93.312	ug/l		98
27) cis-1,2-Dichloroethene	6.884	96	773801	95.524	ug/l		90
28) Bromochloromethane	7.244	49	525914	99.419	ug/l		86
29) Tetrahydrofuran	7.262	42	644869	492.955	ug/l		86
30) Chloroform	7.421	83	1214147	94.600	ug/l		97
31) Cyclohexane	7.701	56	1008417	88.736	ug/l		93
32) 1,1,1-Trichloroethane	7.616	97	1082258	94.077	ug/l		98
36) 1,1-Dichloropropene	7.835	75	848068	94.075	ug/l		98
37) Ethyl Acetate	6.982	43	459727	99.530	ug/l		96
38) Carbon Tetrachloride	7.817	117	952971	93.742	ug/l		100
39) Methylcyclohexane	9.110	83	1123498	93.650	ug/l		90
40) Benzene	8.079	78	2612213	94.079	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.214	41	249665	93.124	ug/l		88
42) 1,2-Dichloroethane	8.159	62	716319	95.874	ug/l		97
43) Isopropyl Acetate	8.195	43	949532	97.849	ug/l		90
44) Trichloroethene	8.866	130	673901	94.372	ug/l		95
45) 1,2-Dichloropropane	9.140	63	637446	93.907	ug/l		97
46) Dibromomethane	9.231	93	361035	97.260	ug/l		97
47) Bromodichloromethane	9.427	83	953010	95.508	ug/l		97
48) Methyl methacrylate	9.219	41	448215	97.809	ug/l		85
49) 1,4-Dioxane	9.231	88	88280	2020.169	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.000	43	2376837	486.854	ug/l		93
52) Toluene	10.170	92	1693220	94.818	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	918959	96.610	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	1058726	95.588	ug/l	#	89
55) 1,1,2-Trichloroethane	10.573	97	492091	95.995	ug/l		97
56) Ethyl methacrylate	10.439	69	779057	100.045	ug/l	#	83
57) 1,3-Dichloropropane	10.719	76	840592	95.396	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	1855345	513.347	ug/l		98
59) 2-Hexanone	10.762	43	1738444	485.710	ug/l		90
60) Dibromochloromethane	10.914	129	657600	96.975	ug/l		99
61) 1,2-Dibromoethane	11.018	107	454780	95.215	ug/l		99
64) Tetrachloroethene	10.646	164	584759	93.963	ug/l		94
65) Chlorobenzene	11.445	112	1860115	94.096	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	636303	92.966	ug/l		99
67) Ethyl Benzene	11.518	91	3267501	93.025	ug/l		98
68) m/p-Xylenes	11.627	106	2491636	187.601	ug/l		96
69) o-Xylene	11.957	106	1207678	92.977	ug/l		95
70) Styrene	11.969	104	2072863	94.521	ug/l		96
71) Bromoform	12.133	173	379422	97.055	ug/l	#	98
73) Isopropylbenzene	12.255	105	3151247	91.974	ug/l		99
74) N-amyl acetate	12.072	43	933967	100.230	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	582993	95.864	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	447506m	56.080	ug/l		
77) Bromobenzene	12.536	156	720478	94.813	ug/l		90
78) n-propylbenzene	12.597	91	3733224	91.928	ug/l		99
79) 2-Chlorotoluene	12.682	91	2181941	92.195	ug/l		97
80) 1,3,5-Trimethylbenzene	12.737	105	2569796	92.260	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	222856	96.647	ug/l		96
82) 4-Chlorotoluene	12.780	91	2267214	93.182	ug/l		96
83) tert-Butylbenzene	12.999	119	2325454	92.221	ug/l		96
84) 1,2,4-Trimethylbenzene	13.042	105	2546828	92.371	ug/l		98
85) sec-Butylbenzene	13.176	105	3359129	91.699	ug/l		100
86) p-Isopropyltoluene	13.292	119	2758918	92.053	ug/l		97
87) 1,3-Dichlorobenzene	13.286	146	1372862	92.976	ug/l		97
88) 1,4-Dichlorobenzene	13.371	146	1371578	93.598	ug/l		97
89) n-Butylbenzene	13.621	91	2652073	92.562	ug/l		98
90) Hexachloroethane	13.883	117	578664	92.793	ug/l		96
91) 1,2-Dichlorobenzene	13.658	146	1241825	94.246	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	97261	95.961	ug/l		87
93) 1,2,4-Trichlorobenzene	14.919	180	772058	96.339	ug/l		98
94) Hexachlorobutadiene	15.023	225	398638	93.114	ug/l		99
95) Naphthalene	15.145	128	1602386	99.846	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	665605	97.100	ug/l		98

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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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