Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
Data File : VY018514.D
Acq On : 06 Jun 2024 18:54
Operator : SY/MD
Sample : P2707-08
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHA-1

Quant Time: Jun 07 02:31:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.422	152	40	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	694	61.246	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.500%			
35) Dibromofluoromethane	7.716	113	507	48.938	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.880%			
50) Toluene-d8	10.173	98	1093	26.519	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 53.040%#			
62) 4-Bromofluorobenzene	12.477	95	50	3.896	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 7.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	68	7.421	ug/l #	43
3) Chloromethane	2.113	50	72	4.213	ug/l	100
4) Vinyl Chloride	2.333	62	33	1.614	ug/l #	42
5) Bromomethane	2.631	94	19	1.393	ug/l #	3
6) Chloroethane	2.747	64	35	2.712	ug/l #	42
7) Trichlorofluoromethane	3.192	101	46	2.175	ug/l #	20
8) Diethyl Ether	3.601	74	20	3.143	ug/l #	8
9) 1,1,2-Trichlorotrifluo...	3.832	101	32	2.598	ug/l #	19
10) Methyl Iodide	4.131	142	19	1.571	ug/l #	42
11) Tert butyl alcohol	4.936	59	23	Below Cal	#	88
12) 1,1-Dichloroethene	4.003	96	20	1.652	ug/l #	66
13) Acrolein	3.710	56	89	76.733	ug/l #	52
14) Allyl chloride	4.485	41	178	10.041	ug/l #	68
15) Acrylonitrile	5.167	53	19	6.529	ug/l #	1
16) Acetone	3.924	43	131	52.087	ug/l #	36
18) Methyl Acetate	4.479	43	90	14.310	ug/l #	46
20) Methylene Chloride	4.692	84	33	Below Cal	#	1
21) trans-1,2-Dichloroethene	5.119	96	38	2.942	ug/l #	1
22) Diisopropyl ether	6.118	45	143	3.961	ug/l #	66
23) Vinyl Acetate	6.039	43	178	7.576	ug/l #	67
24) 1,1-Dichloroethane	5.978	63	26	1.155	ug/l #	80
25) 2-Butanone	6.984	43	119	30.886	ug/l #	41
26) 2,2-Dichloropropane	6.826	77	115	5.810	ug/l #	51
27) cis-1,2-Dichloroethene	7.100	96	44	2.928	ug/l #	1
28) Bromochloromethane	7.283	49	27	2.606	ug/l #	26
29) Tetrahydrofuran	7.380	42	23	9.192	ug/l #	26
31) Cyclohexane	7.765	56	73	3.455	ug/l #	11
36) 1,1-Dichloropropene	7.905	75	22	1.393	ug/l #	40
37) Ethyl Acetate	7.076	43	26	3.295	ug/l #	67
38) Carbon Tetrachloride	7.777	117	19	1.200	ug/l #	13
39) Methylcyclohexane	9.173	83	44	2.060	ug/l #	22
41) Methacrylonitrile	7.289	41	69	17.976	ug/l #	26
42) 1,2-Dichloroethane	8.210	62	24	2.086	ug/l #	71
43) Isopropyl Acetate	8.228	43	50	3.388	ug/l #	14
45) 1,2-Dichloropropane	9.209	63	20	1.848	ug/l #	43
46) Dibromomethane	9.374	93	29	4.673	ug/l #	3

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Bromodichloromethane	9.490	83	23	1.544	ug/l	#	26
48) Methyl methacrylate	9.325	41	97	14.288	ug/l	#	1
49) 1,4-Dioxane	9.289	88	21	257.676	ug/l	#	20
51) 4-Methyl-2-Pentanone	9.819	43	63	8.222	ug/l		97
53) t-1,3-Dichloropropene	10.447	75	23	1.681	ug/l	#	45
54) cis-1,3-Dichloropropene	9.917	75	58	3.443	ug/l	#	26
55) 1,1,2-Trichloroethane	10.563	97	26	3.220	ug/l	#	16
56) Ethyl methacrylate	10.538	69	46	4.049	ug/l	#	1
57) 1,3-Dichloropropane	10.715	76	19	1.386	ug/l	#	42
58) 2-Chloroethyl Vinyl ether	9.740	63	41	6.720	ug/l	#	45
59) 2-Hexanone	10.587	43	126	23.797	ug/l		77
60) Dibromochloromethane	11.215	129	49	4.967	ug/l		57
61) 1,2-Dibromoethane	11.294	107	21	2.762	ug/l	#	2
65) Chlorobenzene	11.672	112	20	2.231	ug/l	#	42
66) 1,1,1,2-Tetrachloroethane	11.563	131	34	11.732	ug/l	#	8
68) m/p-Xylenes	11.916	106	52	8.465	ug/l	#	1
69) o-Xylene	11.995	106	47	7.948	ug/l	#	1
70) Styrene	11.947	104	23	2.381	ug/l	#	1
71) Bromoform	11.922	173	21	13.755	ug/l	#	27
74) N-amyl acetate	12.191	43	19	18.910	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.483	83	19	26.149	ug/l	#	26
76) 1,2,3-Trichloropropane	12.697	75	60	120.967	ug/l	#	100
78) n-propylbenzene	12.617	91	46	9.285	ug/l	#	53
79) 2-Chlorotoluene	12.843	91	23	8.540	ug/l	#	39
80) 1,3,5-Trimethylbenzene	12.977	105	53	16.486	ug/l	#	27
81) trans-1,4-Dichloro-2-b...	12.410	75	19	80.479	ug/l	#	16
82) 4-Chlorotoluene	12.843	91	23	8.486	ug/l	#	39
83) tert-Butylbenzene	13.221	119	19	6.391	ug/l	#	28
84) 1,2,4-Trimethylbenzene	12.977	105	53	16.839	ug/l	#	30
85) sec-Butylbenzene	13.276	105	53	12.106	ug/l	#	56
86) p-Isopropyltoluene	13.221	119	19	5.377	ug/l	#	51
87) 1,3-Dichlorobenzene	13.117	146	49	28.344	ug/l	#	25
89) n-Butylbenzene	13.770	91	20	5.956	ug/l	#	1
90) Hexachloroethane	13.989	117	41	61.906	ug/l	#	12
92) 1,2-Dibromo-3-Chloropr...	14.434	75	28	253.231	ug/l	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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