Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079612.D
Acq On : 06 Aug 2024 07:22
Operator : RP/MD
Sample : P3374-20MSD
Misc : 7.88G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 06 08:55:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Romaben Patel
08/06/2024
Supervised By :Mahesh Dadoda
08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	100727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	203457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	160451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75944	74.215	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.440%			
35) Dibromofluoromethane	7.805	113	82283	59.751	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.500%			
50) Toluene-d8	10.269	98	258537	48.345	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.569	95	50616	32.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 65.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	41600	52.710	ug/l	95
3) Chloromethane	2.146	50	117711	80.947	ug/l	97
4) Vinyl Chloride	2.281	62	130533	75.495	ug/l	99
5) Bromomethane	2.693	94	95411	89.508	ug/l	97
6) Chloroethane	2.834	64	97348	87.618	ug/l	99
7) Trichlorofluoromethane	3.175	101	94531	54.976	ug/l	93
8) Diethyl Ether	3.593	74	41992	80.844	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.964	101	49366	45.393	ug/l	97
10) Methyl Iodide	4.164	142	89744	65.631	ug/l	94
11) Tert butyl alcohol	5.052	59	18049	372.972	ug/l	98
12) 1,1-Dichloroethene	3.934	96	84355	77.508	ug/l	90
13) Acrolein	3.799	56	3530	24.184	ug/l	90
14) Allyl chloride	4.564	41	63359	44.087	ug/l #	86
15) Acrylonitrile	5.252	53	89740	369.732	ug/l	97
16) Acetone	4.017	43	91242	458.806	ug/l	100
17) Carbon Disulfide	4.275	76	242090	67.388	ug/l	99
18) Methyl Acetate	4.564	43	131508	212.988	ug/l #	85
19) Methyl tert-butyl Ether	5.317	73	179644	80.865	ug/l	99
20) Methylene Chloride	4.805	84	119508	87.157	ug/l	93
21) trans-1,2-Dichloroethene	5.317	96	161657	132.222	ug/l	89
22) Diisopropyl ether	6.216	45	272613	85.255	ug/l #	92
23) Vinyl Acetate	6.158	43	287216	119.488	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	221080	103.171	ug/l	98
25) 2-Butanone	7.081	43	136619	484.568	ug/l #	1
26) 2,2-Dichloropropane	7.075	77	91231	52.635	ug/l #	1
27) cis-1,2-Dichloroethene	7.075	96	12142855	8689.013	ug/l	98
28) Bromochloromethane	7.428	49	80033	85.172	ug/l #	70
29) Tetrahydrofuran	7.440	42	66053	378.037	ug/l #	81
30) Chloroform	7.599	83	174329	80.335	ug/l	94
31) Cyclohexane	7.881	56	51369	30.226	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	120094	67.068	ug/l	96
36) 1,1-Dichloropropene	8.005	75	83917	44.646	ug/l	96
37) Ethyl Acetate	7.169	43	35337	45.854	ug/l #	64
38) Carbon Tetrachloride	7.987	117	91612	46.365	ug/l	99
39) Methylcyclohexane	9.275	83	38027	16.956	ug/l	93
40) Benzene	8.252	78	365959	61.301	ug/l	96

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41) Methacrylonitrile	7.399	41	24509	57.819	ug/l		87
42) 1,2-Dichloroethane	8.328	62	96325	67.711	ug/l		96
43) Isopropyl Acetate	8.363	43	64242	44.355	ug/l	#	56
44) Trichloroethene	9.028	130	290777	195.664	ug/l		88
45) 1,2-Dichloropropane	9.305	63	92185	63.452	ug/l		95
46) Dibromomethane	9.393	93	49976	62.051	ug/l		92
47) Bromodichloromethane	9.581	83	121329	61.351	ug/l	#	96
48) Methyl methacrylate	9.381	41	38631	59.599	ug/l		89
49) 1,4-Dioxane	9.387	88	9674	1159.185	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.157	43	213621	288.892	ug/l		92
52) Toluene	10.334	92	195202	52.869	ug/l		99
53) t-1,3-Dichloropropene	10.552	75	82810	45.344	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	104788	47.701	ug/l		94
55) 1,1,2-Trichloroethane	10.734	97	64512	60.805	ug/l		97
56) Ethyl methacrylate	10.599	69	65082	51.771	ug/l		90
57) 1,3-Dichloropropane	10.875	76	107415	59.580	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	30500	52.610	ug/l		89
59) 2-Hexanone	10.922	43	115244	223.467	ug/l		95
60) Dibromochloromethane	11.075	129	77222	55.717	ug/l		96
61) 1,2-Dibromoethane	11.175	107	52591	52.912	ug/l		90
64) Tetrachloroethene	10.810	164	59441	54.940	ug/l		95
65) Chlorobenzene	11.604	112	182794	51.448	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.675	131	74682	63.886	ug/l		98
67) Ethyl Benzene	11.681	91	289939	49.848	ug/l		99
68) m/p-Xylenes	11.793	106	228269	98.920	ug/l		95
69) o-Xylene	12.116	106	108009	51.064	ug/l		91
70) Styrene	12.134	104	86899	23.434	ug/l	#	88
71) Bromoform	12.299	173	39173	59.277	ug/l	#	98
73) Isopropylbenzene	12.422	105	235056	64.881	ug/l		99
74) N-amyl acetate	12.234	43	27810	39.790	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	65016	105.320	ug/l		95
76) 1,2,3-Trichloropropane	12.722	75	37085m	89.283	ug/l		
77) Bromobenzene	12.699	156	58955	73.991	ug/l		86
78) n-propylbenzene	12.757	91	244172	61.471	ug/l		97
79) 2-Chlorotoluene	12.846	91	148998	67.367	ug/l		95
80) 1,3,5-Trimethylbenzene	12.904	105	171922	64.949	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.469	75	11607	53.297	ug/l		93
82) 4-Chlorotoluene	12.946	91	139889	60.671	ug/l		96
83) tert-Butylbenzene	13.163	119	152999	58.970	ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	171344	57.018	ug/l		99
85) sec-Butylbenzene	13.340	105	175913	49.964	ug/l		99
86) p-Isopropyltoluene	13.457	119	147011	44.581	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	82282	49.853	ug/l		95
88) 1,4-Dichlorobenzene	13.534	146	81759	50.386	ug/l		98
89) n-Butylbenzene	13.787	91	84812	29.265	ug/l		99
90) Hexachloroethane	14.051	117	36524	59.311	ug/l		98
91) 1,2-Dichlorobenzene	13.828	146	78935	55.959	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	7161	87.181	ug/l		93
93) 1,2,4-Trichlorobenzene	15.092	180	18033	20.291	ug/l		98
94) Hexachlorobutadiene	15.198	225	8616	17.962	ug/l		92
95) Naphthalene	15.328	128	50212	32.643	ug/l		97
96) 1,2,3-Trichlorobenzene	15.510	180	16660	21.310	ug/l		98

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

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