Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
Data File : VW028258.D
Acq On : 27 Mar 2024 18:12
Operator : SY/MD
Sample : P1891-03MSD
Misc : 5.27g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07A9MSD

Quant Time: Mar 28 01:15:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	193925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	64570	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61634	20.764	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.040%			
7) Chloroethane-d5	2.899	69	51195	24.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.760%			
11) 1,1-Dichloroethene-d2	4.027	65	41320	21.952	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.800%			
21) 2-Butanone-d5	7.075	46	65504	74.823	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.640%#			
24) Chloroform-d	7.648	84	204297	27.310	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.240%			
26) 1,2-Dichloroethane-d4	8.307	65	111985	27.165	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.640%			
32) Benzene-d6	8.270	84	382528	32.308	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 129.240%			
36) 1,2-Dichloropropane-d6	9.270	67	115380	33.863	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 135.440%#			
41) Toluene-d8	10.319	98	324000	29.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 118.680%			
43) trans-1,3-Dichloroprop...	10.575	79	45811	29.603	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 118.400%			
47) 2-Hexanone-d5	10.922	63	51749	91.884	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 183.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86367	34.315	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 137.240%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	69389	29.500	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	83791	22.769	ug/L	92
3) Chloromethane	2.223	50	64016	24.526	ug/L	98
5) Vinyl chloride	2.375	62	68711	23.288	ug/L	99
6) Bromomethane	2.790	94	44659	25.416	ug/L	89
8) Chloroethane	2.936	64	41356	26.078	ug/L	99
9) Trichlorofluoromethane	3.265	101	91859	25.751	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79506	22.436	ug/L #	84
12) 1,1-Dichloroethene	4.045	96	80077	24.444	ug/L	97
13) Acetone	4.119	43	62900	64.709	ug/L	99
14) Carbon disulfide	4.393	76	178848	17.504	ug/L	99
15) Methyl Acetate	4.673	43	43254	28.889	ug/L	99
16) Methylene chloride	4.923	84	87271	22.603	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	75843	21.785	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149586	28.479	ug/L	98
19) 1,1-Dichloroethane	6.222	63	177383	26.318	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	93661	24.910	ug/L	93
22) 2-Butanone	7.167	43	68113	61.717	ug/L	96
23) Bromochloromethane	7.514	128	42694	25.684	ug/L	96
25) Chloroform	7.673	83	179378	25.852	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120938	24.681	ug/L		99
29) Cyclohexane	7.959	56	119043	23.535	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	148271	29.168	ug/L		99
31) Carbon tetrachloride	8.075	117	131676	27.615	ug/L		99
33) Benzene	8.325	78	365865	30.659	ug/L		100
34) Trichloroethene	9.093	95	93005	27.935	ug/L		97
35) Methylcyclohexane	9.331	83	88797	15.779	ug/L		99
37) 1,2-Dichloropropane	9.368	63	95198	31.189	ug/L		99
38) Bromodichloromethane	9.642	83	124682	30.298	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	141807	29.010	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	126983	75.369	ug/L		98
42) Toluene	10.386	91	365009	28.026	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	115077	27.884	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	68603	31.108	ug/L		97
46) Tetrachloroethene	10.861	164	63243	23.566	ug/L		94
48) 2-Hexanone	10.965	43	101783	77.121	ug/L		98
49) Dibromochloromethane	11.129	129	77945	29.844	ug/L		99
50) 1,2-Dibromoethane	11.233	107	63502	30.115	ug/L	#	91
51) Chlorobenzene	11.654	112	207646	25.119	ug/L		96
52) Ethylbenzene	11.727	91	367518	24.173	ug/L		99
53) m,p-Xylene	11.837	106	134796	23.561	ug/L		99
54) o-Xylene	12.160	106	132206	24.919	ug/L		97
55) Styrene	12.178	104	209402	22.978	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.708	83	75380	29.884	ug/L		92
59) Bromoform	12.349	173	46105	47.651	ug/L		97
60) Isopropylbenzene	12.459	105	311254	32.444	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	58296	47.306	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	182878	28.410	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	217863	28.029	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	104067	24.315	ug/L		88
65) 1,4-Dichlorobenzene	13.574	146	103677	24.225	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	98733	26.788	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12517	43.239	ug/L		95
69) 1,3,5-Trichlorobenzene	14.623	180	39077	13.107	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	29388	11.603	ug/L		97
71) Naphthalene	15.360	128	89592	20.610	ug/L		100
72) 1,2,3-Trichlorobenzene	15.543	180	23919	11.456	ug/L		100

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

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