Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
Data File : VW028203.D
Acq On : 15 Mar 2024 11:18
Operator : SY/MD
Sample : P1742-21MSD
Misc : 4.80g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

Quant Time: Mar 18 01:30:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Mar 18 01:23:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	283444	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	108250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	74776	22.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.200%			
7) Chloroethane-d5	2.899	69	53885	23.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.040%			
11) 1,1-Dichloroethene-d2	4.027	65	48144	22.892	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.560%			
21) 2-Butanone-d5	7.075	46	49730	50.841	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.680%			
24) Chloroform-d	7.648	84	205288	24.562	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.240%			
26) 1,2-Dichloroethane-d4	8.307	65	114020	24.755	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.000%			
32) Benzene-d6	8.276	84	390847	26.053	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.200%			
36) 1,2-Dichloropropane-d6	9.276	67	112428	26.042	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.160%			
41) Toluene-d8	10.319	98	353121	25.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.080%			
43) trans-1,3-Dichloroprop...	10.575	79	50428	25.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.880%			
47) 2-Hexanone-d5	10.922	63	41811	58.590	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.180%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82672	25.923	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	96307	24.422	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	64219	15.618	ug/L #	85
3) Chloromethane	2.222	50	53879	18.475	ug/L	98
5) Vinyl chloride	2.375	62	61002	18.505	ug/L	97
6) Bromomethane	2.796	94	36540	18.612	ug/L	93
8) Chloroethane	2.936	64	33310	18.800	ug/L	92
9) Trichlorofluoromethane	3.271	101	79005	19.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	70398	17.780	ug/L	100
12) 1,1-Dichloroethene	4.045	96	67968	18.570	ug/L	90
13) Acetone	4.118	43	46730	43.027	ug/L	99
14) Carbon disulfide	4.393	76	208159	18.234	ug/L	98
15) Methyl Acetate	4.673	43	30258	18.087	ug/L	100
16) Methylene chloride	4.923	84	69460	16.101	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	71917	18.489	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	116832	19.908	ug/L	99
19) 1,1-Dichloroethane	6.222	63	140337	18.636	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	78158	18.605	ug/L	96
22) 2-Butanone	7.173	43	48725	39.515	ug/L	95
23) Bromochloromethane	7.514	128	34107	18.364	ug/L	92
25) Chloroform	7.679	83	144921	18.694	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	101088	18.464	ug/L		99
29) Cyclohexane	7.959	56	117551	18.341	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	127553	19.803	ug/L		99
31) Carbon tetrachloride	8.069	117	115456	19.110	ug/L		99
33) Benzene	8.325	78	298444	19.738	ug/L		100
34) Trichloroethene	9.093	95	80048	18.976	ug/L		96
35) Methylcyclohexane	9.331	83	111989	15.706	ug/L		98
37) 1,2-Dichloropropane	9.368	63	74802	19.341	ug/L		99
38) Bromodichloromethane	9.642	83	101093	19.388	ug/L		94
39) cis-1,3-Dichloropropene	10.069	75	124263	20.063	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	89064	41.721	ug/L		99
42) Toluene	10.386	91	318751	19.316	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	104718	20.026	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	53742	19.233	ug/L		99
46) Tetrachloroethene	10.861	164	247396	72.755	ug/L		95
48) 2-Hexanone	10.965	43	73306	43.837	ug/L		97
49) Dibromochloromethane	11.123	129	62976	19.030	ug/L		93
50) 1,2-Dibromoethane	11.233	107	50708	18.979	ug/L	#	98
51) Chlorobenzene	11.654	112	188272	17.975	ug/L		98
52) Ethylbenzene	11.727	91	351700	18.257	ug/L		99
53) m,p-Xylene	11.837	106	131439	18.131	ug/L		98
54) o-Xylene	12.160	106	125754	18.706	ug/L		95
55) Styrene	12.178	104	213975	18.531	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	60864	19.043	ug/L		98
59) Bromoform	12.343	173	37222	22.947	ug/L		99
60) Isopropylbenzene	12.458	105	340622	21.178	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	46614	22.563	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	218105	20.211	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	264350	20.287	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	130555	18.195	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	135221	18.846	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	115242	18.650	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10622	21.887	ug/L		96
69) 1,3,5-Trichlorobenzene	14.623	180	67460	13.497	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	51662	12.167	ug/L		98
71) Naphthalene	15.360	128	121395	16.657	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	37991	10.854	ug/L		96

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

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