Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
Data File : VW030822.D
Acq On : 29 Oct 2024 22:28
Operator : SY/MD
Sample : P4568-05MSD
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

Quant Time: Oct 30 01:22:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 30 01:14:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	401225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	350541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48622	7.710	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 30.840%			
7) Chloroethane-d5	2.899	69	61238	12.828	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.320%			
11) 1,1-Dichloroethene-d2	4.021	65	19931	7.598	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 30.400%#			
21) 2-Butanone-d5	7.081	46	61891	54.531	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.060%			
24) Chloroform-d	7.648	84	218669	19.057	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.240%			
26) 1,2-Dichloroethane-d4	8.307	65	114991	19.272	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.080%			
32) Benzene-d6	8.276	84	281432	13.833	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 55.320%			
36) 1,2-Dichloropropane-d6	9.270	67	120267	20.140	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.560%			
41) Toluene-d8	10.325	98	227181	12.232	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 48.920%			
43) trans-1,3-Dichloroprop...	10.575	79	44858	17.940	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.760%			
47) 2-Hexanone-d5	10.922	63	51790	67.336	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.680%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	123979	28.270	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	104440	20.117	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	61984	12.092	ug/L	100
3) Chloromethane	2.223	50	82253	13.806	ug/L	99
5) Vinyl chloride	2.375	62	102571	13.999	ug/L	97
6) Bromomethane	2.789	94	75513	15.658	ug/L	95
8) Chloroethane	2.936	64	74940	16.732	ug/L	100
9) Trichlorofluoromethane	3.271	101	95567	14.577	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84243	14.282	ug/L	96
12) 1,1-Dichloroethene	4.045	96	74575	13.854	ug/L	89
13) Acetone	4.125	43	46782	28.155	ug/L	94
14) Carbon disulfide	4.393	76	181421	10.321	ug/L	98
15) Methyl Acetate	4.673	43	35508	17.300	ug/L	98
16) Methylene chloride	4.923	84	97739	16.113	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	81579	14.044	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154777	19.039	ug/L	99
19) 1,1-Dichloroethane	6.222	63	187280	17.348	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	104635	16.889	ug/L	94
22) 2-Butanone	7.173	43	52107	29.092	ug/L	99
23) Bromochloromethane	7.514	128	47440	17.503	ug/L	96
25) Chloroform	7.673	83	205491	17.812	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132351	17.389	ug/L		99
29) Cyclohexane	7.959	56	113525	13.304	ug/L		99
30) 1,1,1-Trichloroethane	7.880	97	150718	16.197	ug/L		99
31) Carbon tetrachloride	8.069	117	127727	15.368	ug/L		99
33) Benzene	8.325	78	390202	17.105	ug/L		100
34) Trichloroethene	9.093	95	92226	14.532	ug/L		97
35) Methylcyclohexane	9.337	83	128363	12.852	ug/L		99
37) 1,2-Dichloropropane	9.368	63	110010	19.309	ug/L		100
38) Bromodichloromethane	9.642	83	145008	19.130	ug/L		96
39) cis-1,3-Dichloropropene	10.075	75	162740	18.937	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	118687	43.363	ug/L		99
42) Toluene	10.386	91	407103	16.728	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	138130	19.128	ug/L		96
45) 1,1,2-Trichloroethane	10.782	97	84648	20.558	ug/L		97
46) Tetrachloroethene	10.861	164	58980	12.600	ug/L		97
48) 2-Hexanone	10.965	43	79199	35.384	ug/L		98
49) Dibromochloromethane	11.123	129	95814	20.854	ug/L		87
50) 1,2-Dibromoethane	11.233	107	72713	18.925	ug/L	#	97
51) Chlorobenzene	11.654	112	252099	16.092	ug/L		99
52) Ethylbenzene	11.727	91	379571	13.669	ug/L		97
53) m,p-Xylene	11.837	106	139052	13.366	ug/L		98
54) o-Xylene	12.166	106	144187	14.991	ug/L		97
55) Styrene	12.178	104	234252	14.247	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	91164	19.633	ug/L		91
59) Bromoform	12.349	173	47531	22.049	ug/L		97
60) Isopropylbenzene	12.465	105	334060	14.059	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	63821	21.376	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	270961	14.455	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	284402	15.495	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	172729	16.701	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	170546	15.970	ug/L		97
67) 1,2-Dichlorobenzene	13.861	146	167884	18.447	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13466	20.228	ug/L		97
69) 1,3,5-Trichlorobenzene	14.623	180	96073	14.086	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	81343	14.815	ug/L		99
71) Naphthalene	15.360	128	182054	19.192	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	69951	14.696	ug/L		97

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

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