Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
Data File : VW030896.D
Acq On : 01 Nov 2024 19:23
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

Quant Time: Nov 04 00:56:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 01 03:09:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	409332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114884	17.856	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.440%			
7) Chloroethane-d5	2.899	69	107720	22.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.480%			
11) 1,1-Dichloroethene-d2	4.021	65	52148	19.487	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.960%			
21) 2-Butanone-d5	7.075	46	71498	61.748	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.500%			
24) Chloroform-d	7.648	84	297814	25.441	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.760%			
26) 1,2-Dichloroethane-d4	8.307	65	156390	25.692	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.760%			
32) Benzene-d6	8.270	84	536705	24.352	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	9.270	67	166355	25.717	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.880%			
41) Toluene-d8	10.325	98	486728	24.192	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.760%			
43) trans-1,3-Dichloroprop...	10.575	79	70094	25.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.520%			
47) 2-Hexanone-d5	10.922	63	59975	71.984	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.960%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140627	29.602	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	171682	27.081	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	110977	21.220	ug/L	100
3) Chloromethane	2.222	50	147025	24.189	ug/L	100
5) Vinyl chloride	2.375	62	163931	21.931	ug/L	97
6) Bromomethane	2.789	94	108865	22.127	ug/L	95
8) Chloroethane	2.936	64	101675	22.251	ug/L	97
9) Trichlorofluoromethane	3.265	101	139195	20.811	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	118332	19.665	ug/L	95
12) 1,1-Dichloroethene	4.045	96	120896	22.014	ug/L	96
13) Acetone	4.118	43	58939	34.769	ug/L	97
14) Carbon disulfide	4.387	76	402631	22.451	ug/L	100
15) Methyl Acetate	4.673	43	53876	25.729	ug/L	98
16) Methylene chloride	4.923	84	138972	22.457	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	137719	23.240	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	220442	26.579	ug/L	98
19) 1,1-Dichloroethane	6.216	63	259983	23.605	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	153727	24.321	ug/L	97
22) 2-Butanone	7.173	43	73126	40.019	ug/L	99
23) Bromochloromethane	7.514	128	66119	23.912	ug/L	94
25) Chloroform	7.679	83	274305	23.306	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	179206	23.079	ug/L	98
29) Cyclohexane	7.959	56	207647	22.464	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	222905	22.113	ug/L	98
31) Carbon tetrachloride	8.069	117	196827	21.862	ug/L	95
33) Benzene	8.325	78	576485	23.329	ug/L	100
34) Trichloroethene	9.087	95	152815	22.229	ug/L	92
35) Methylcyclohexane	9.337	83	231385	21.387	ug/L	99
37) 1,2-Dichloropropane	9.368	63	146399	23.721	ug/L	100
38) Bromodichloromethane	9.642	83	194555	23.694	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	222509	23.902	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	155830	52.558	ug/L	99
42) Toluene	10.386	91	625633	23.732	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	189205	24.187	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	110706	24.820	ug/L	95
46) Tetrachloroethene	10.861	164	112530	22.193	ug/L	98
48) 2-Hexanone	10.965	43	110712	45.661	ug/L	98
49) Dibromochloromethane	11.129	129	116952	23.499	ug/L	100
50) 1,2-Dibromoethane	11.233	107	100045	24.037	ug/L	94
51) Chlorobenzene	11.654	112	379357	22.354	ug/L	97
52) Ethylbenzene	11.727	91	694855	23.099	ug/L	99
53) m,p-Xylene	11.837	106	258491	22.937	ug/L	94
54) o-Xylene	12.166	106	249731	23.969	ug/L	97
55) Styrene	12.178	104	429167	24.095	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	123196	24.492	ug/L	92
59) Bromoform	12.349	173	68163	25.894	ug/L	95
60) Isopropylbenzene	12.458	105	670904	23.122	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89327	24.501	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	550720	24.058	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	532654	23.766	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	299005	23.674	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	286689	21.984	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	258250	23.237	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	20325	25.002	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	191265	22.965	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	154861	23.097	ug/L	100
71) Naphthalene	15.360	128	296749	25.618	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	137244	23.612	ug/L	99

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

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