Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
Data File : VW030538.D
Acq On : 11 Oct 2024 03:32
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

Quant Time: Oct 11 04:21:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 11 02:35:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	305624	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133375	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98395	20.482	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.920%			
7) Chloroethane-d5	2.893	69	84526	23.245	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.960%			
11) 1,1-Dichloroethene-d2	4.021	65	41335	20.687	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.760%			
21) 2-Butanone-d5	7.075	46	46433	53.709	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.420%			
24) Chloroform-d	7.648	84	201774	23.086	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.360%			
26) 1,2-Dichloroethane-d4	8.307	65	109566	24.107	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.440%			
32) Benzene-d6	8.276	84	375684	23.115	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.480%			
36) 1,2-Dichloropropane-d6	9.270	67	112684	23.622	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.480%			
41) Toluene-d8	10.325	98	347809	23.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.760%			
43) trans-1,3-Dichloroprop...	10.575	79	46659	23.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.440%			
47) 2-Hexanone-d5	10.922	63	35662	58.043	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.080%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91756	26.192	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.760%			
66) 1,2-Dichlorobenzene-d4	13.854	152	113668	25.188	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	78861	20.196	ug/L	96
3) Chloromethane	2.222	50	116198	25.604	ug/L	98
5) Vinyl chloride	2.375	62	127692	22.879	ug/L	99
6) Bromomethane	2.789	94	89550	24.378	ug/L	92
8) Chloroethane	2.936	64	85047	24.928	ug/L	95
9) Trichlorofluoromethane	3.265	101	101592	20.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	96587	21.498	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	93775	22.870	ug/L	95
13) Acetone	4.125	43	48447	38.277	ug/L	99
14) Carbon disulfide	4.393	76	301189	22.494	ug/L	99
15) Methyl Acetate	4.667	43	44338	28.359	ug/L	98
16) Methylene chloride	4.917	84	107347	23.233	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	104732	23.670	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	162326	26.214	ug/L	100
19) 1,1-Dichloroethane	6.222	63	205192	24.952	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	117446	24.886	ug/L	94
22) 2-Butanone	7.167	43	61865	45.345	ug/L	100
23) Bromochloromethane	7.514	128	49932	24.185	ug/L	89
25) Chloroform	7.679	83	212936	24.231	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144889	24.991	ug/L	99
29) Cyclohexane	7.953	56	163192	23.941	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	165997	22.331	ug/L	99
31) Carbon tetrachloride	8.069	117	150240	22.629	ug/L	98
33) Benzene	8.319	78	452029	24.806	ug/L	100
34) Trichloroethene	9.093	95	120550	23.779	ug/L	94
35) Methylcyclohexane	9.337	83	182669	22.895	ug/L	99
37) 1,2-Dichloropropane	9.367	63	114050	25.059	ug/L	100
38) Bromodichloromethane	9.642	83	149650	24.714	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	168891	24.602	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	131728	60.248	ug/L	98
42) Toluene	10.386	91	488990	25.153	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	146755	25.440	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	84736	25.761	ug/L	98
46) Tetrachloroethene	10.861	164	86976	23.261	ug/L	92
48) 2-Hexanone	10.965	43	93404	52.239	ug/L	97
49) Dibromochloromethane	11.129	129	90616	24.690	ug/L	98
50) 1,2-Dibromoethane	11.233	107	80555	26.246	ug/L	99
51) Chlorobenzene	11.654	112	303626	24.262	ug/L	96
52) Ethylbenzene	11.727	91	550456	24.814	ug/L	99
53) m,p-Xylene	11.837	106	200502	24.126	ug/L	86
54) o-Xylene	12.160	106	195082	25.390	ug/L	92
55) Styrene	12.178	104	337582	25.701	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	98335	26.511	ug/L	94
59) Bromoform	12.349	173	49028	26.164	ug/L	99
60) Isopropylbenzene	12.458	105	545477	26.409	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71148	27.414	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	436152	26.766	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	419856	26.316	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	221471	24.634	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	226158	24.362	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	204696	25.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	16133	27.878	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	142780	24.083	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	118246	24.775	ug/L	94
71) Naphthalene	15.360	128	248732	30.165	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105649	25.534	ug/L	93

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

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