Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050324\
Data File : VW028585.D
Acq On : 03 May 2024 13:46
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Quant Time: May 03 23:01:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 23:00:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	299381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142308	25.032	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.120%			
7) Chloroethane-d5	2.899	69	108954	25.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.120%			
11) 1,1-Dichloroethene-d2	4.027	65	58420	24.596	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.400%			
21) 2-Butanone-d5	7.081	46	68660	46.292	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.580%			
24) Chloroform-d	7.648	84	248944	26.612	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.440%			
26) 1,2-Dichloroethane-d4	8.307	65	139244	26.000	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.000%			
32) Benzene-d6	8.276	84	484703	26.202	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	9.270	67	142701	25.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.560%			
41) Toluene-d8	10.325	98	431241	26.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.280%			
43) trans-1,3-Dichloroprop...	10.575	79	59256	26.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.840%			
47) 2-Hexanone-d5	10.922	63	47437	49.409	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.820%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113813	24.383	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.520%			
66) 1,2-Dichlorobenzene-d4	13.849	152	130040	24.896	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	97055	22.308	ug/L	97
3) Chloromethane	2.229	50	129288	23.988	ug/L	100
5) Vinyl chloride	2.375	62	142145	23.425	ug/L	98
6) Bromomethane	2.796	94	84514	24.076	ug/L	96
8) Chloroethane	2.936	64	84441	24.400	ug/L	97
9) Trichlorofluoromethane	3.271	101	101108	20.295	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93507	20.358	ug/L	90
12) 1,1-Dichloroethene	4.051	96	94418	22.915	ug/L	92
13) Acetone	4.125	43	51274	38.001	ug/L	100
14) Carbon disulfide	4.393	76	320939	23.047	ug/L	99
15) Methyl Acetate	4.667	43	51068	21.754	ug/L	99
16) Methylene chloride	4.917	84	108768	23.491	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	103927	24.227	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	152466	24.085	ug/L	100
19) 1,1-Dichloroethane	6.222	63	206280	24.250	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	111993	24.946	ug/L	97
22) 2-Butanone	7.167	43	70377	40.636	ug/L	100
23) Bromochloromethane	7.514	128	49051	25.048	ug/L	92
25) Chloroform	7.679	83	207251	25.190	ug/L	99

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QLast Update : Fri May 03 23:00:08 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148113	24.765	ug/L	100
29) Cyclohexane	7.959	56	184137	23.292	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	161870	23.297	ug/L	99
31) Carbon tetrachloride	8.069	117	146046	23.054	ug/L	98
33) Benzene	8.325	78	438898	24.411	ug/L	100
34) Trichloroethene	9.093	95	112572	23.353	ug/L	97
35) Methylcyclohexane	9.337	83	195549	23.213	ug/L	99
37) 1,2-Dichloropropane	9.368	63	114313	24.400	ug/L	100
38) Bromodichloromethane	9.642	83	144913	25.374	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	172451	25.682	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	145448	45.615	ug/L	100
42) Toluene	10.386	91	459550	24.747	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	144906	25.594	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	81420	23.990	ug/L	95
46) Tetrachloroethene	10.861	164	79473	22.883	ug/L	96
48) 2-Hexanone	10.965	43	102440	45.506	ug/L	99
49) Dibromochloromethane	11.123	129	85608	25.148	ug/L	91
50) 1,2-Dibromoethane	11.233	107	75691	23.809	ug/L	99
51) Chlorobenzene	11.654	112	283721	24.700	ug/L	99
52) Ethylbenzene	11.727	91	522149	24.846	ug/L	96
53) m,p-Xylene	11.837	106	192144	24.943	ug/L	95
54) o-Xylene	12.166	106	182872	25.661	ug/L	97
55) Styrene	12.178	104	318394	26.367	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	97325	22.857	ug/L	97
59) Bromoform	12.349	173	46555	23.285	ug/L	99
60) Isopropylbenzene	12.459	105	500283	24.062	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73476	22.185	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	378813	25.751	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	401838	25.352	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	211942	24.504	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	217410	24.586	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	189844	24.523	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15921	20.560	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	139917	24.107	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	114442	24.403	ug/L	96
71) Naphthalene	15.360	128	233188	23.339	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102542	24.232	ug/L	99

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

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