Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110323\
Data File : VW027535.D
Acq On : 03 Nov 2023 15:02
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Quant Time: Nov 04 00:18:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Nov 04 00:15:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	328920	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311386	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170005	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106480	21.212	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.840%			
7) Chloroethane-d5	2.893	69	91964	25.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.040%			
11) 1,1-Dichloroethene-d2	4.015	65	55543	22.082	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.320%			
21) 2-Butanone-d5	7.075	46	94886	56.870	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.740%			
24) Chloroform-d	7.648	84	253339	25.842	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.360%			
26) 1,2-Dichloroethane-d4	8.307	65	137221	26.057	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.240%			
32) Benzene-d6	8.270	84	502367	23.846	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	9.270	67	159907	24.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.400%			
41) Toluene-d8	10.319	98	442226	23.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	10.575	79	58872	20.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.280%			
47) 2-Hexanone-d5	10.922	63	70382	52.866	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	134726	28.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	139036	22.568	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	77400	19.777	ug/L #	80
3) Chloromethane	2.223	50	106930	23.775	ug/L	98
5) Vinyl chloride	2.375	62	125152	24.912	ug/L	95
6) Bromomethane	2.789	94	66657	23.295	ug/L	97
8) Chloroethane	2.936	64	74684	25.826	ug/L	99
9) Trichlorofluoromethane	3.265	101	93212	26.299	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115740	26.078	ug/L	96
12) 1,1-Dichloroethene	4.039	96	104124	24.141	ug/L	95
13) Acetone	4.125	43	78316	54.346	ug/L	100
14) Carbon disulfide	4.393	76	260495	19.482	ug/L	100
15) Methyl Acetate	4.673	43	70090	28.477	ug/L	100
16) Methylene chloride	4.917	84	124245	20.636	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	112057	24.174	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	207444	25.939	ug/L	98
19) 1,1-Dichloroethane	6.216	63	253423	26.796	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	136243	26.027	ug/L	98
22) 2-Butanone	7.167	43	106049	49.165	ug/L	98
23) Bromochloromethane	7.514	128	54960	25.430	ug/L	89
25) Chloroform	7.673	83	245861	27.776	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163646	27.217	ug/L	98
29) Cyclohexane	7.953	56	204560	21.636	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	189243	24.914	ug/L	98
31) Carbon tetrachloride	8.069	117	161856	23.632	ug/L	98
33) Benzene	8.325	78	518514	25.480	ug/L	100
34) Trichloroethene	9.093	95	131810	24.521	ug/L	96
35) Methylcyclohexane	9.331	83	214391	22.302	ug/L	100
37) 1,2-Dichloropropane	9.368	63	147294	26.769	ug/L	100
38) Bromodichloromethane	9.642	83	174620	25.808	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	215318	23.689	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	214723	56.743	ug/L	98
42) Toluene	10.386	91	543128	25.441	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	176918	23.068	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	104223	27.525	ug/L	96
46) Tetrachloroethene	10.861	164	88806	23.926	ug/L	98
48) 2-Hexanone	10.965	43	147752	52.754	ug/L	98
49) Dibromochloromethane	11.123	129	105300	25.041	ug/L	99
50) 1,2-Dibromoethane	11.233	107	94213	25.663	ug/L	97
51) Chlorobenzene	11.654	112	344162	25.745	ug/L	96
52) Ethylbenzene	11.727	91	630723	25.425	ug/L	97
53) m,p-Xylene	11.837	106	232780	24.739	ug/L	95
54) o-Xylene	12.166	106	226881	25.180	ug/L	96
55) Styrene	12.178	104	394599	25.643	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	135469	29.308	ug/L	97
59) Bromoform	12.349	173	57965	22.914	ug/L	98
60) Isopropylbenzene	12.458	105	644435	24.130	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	97514	26.270	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	513777	23.063	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	507938	23.304	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	264386	24.412	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	261606	24.188	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	232086	24.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20097	21.663	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	163912	23.314	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	138052	23.071	ug/L	97
71) Naphthalene	15.360	128	287641	23.375	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121526	24.698	ug/L	91

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

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