Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
Data File : VW027493.D
Acq On : 01 Nov 2023 10:37
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

Quant Time: Nov 02 03:12:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	370870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	341023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	188305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	103916	18.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.440%			
7) Chloroethane-d5	2.893	69	92099	22.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.640%			
11) 1,1-Dichloroethene-d2	4.021	65	55941	19.725	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.880%			
21) 2-Butanone-d5	7.075	46	110337	58.650	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.300%			
24) Chloroform-d	7.648	84	284325	25.722	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.880%			
26) 1,2-Dichloroethane-d4	8.306	65	148223	24.963	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.840%			
32) Benzene-d6	8.276	84	541318	23.461	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.840%			
36) 1,2-Dichloropropane-d6	9.270	67	179671	25.495	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.000%			
41) Toluene-d8	10.318	98	460527	22.011	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.040%			
43) trans-1,3-Dichloroprop...	10.574	79	67504	21.009	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.040%			
47) 2-Hexanone-d5	10.922	63	82697	56.718	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.440%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	156293	29.725	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	158232	23.188	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	88542	20.065	ug/L #	78
3) Chloromethane	2.222	50	124038	24.459	ug/L	99
5) Vinyl chloride	2.375	62	144617	25.530	ug/L	97
6) Bromomethane	2.789	94	78291	24.265	ug/L	99
8) Chloroethane	2.929	64	83484	25.603	ug/L	100
9) Trichlorofluoromethane	3.265	101	109925	27.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	124508	24.881	ug/L	94
12) 1,1-Dichloroethene	4.045	96	124014	25.501	ug/L #	74
13) Acetone	4.124	43	88278	54.329	ug/L	98
14) Carbon disulfide	4.386	76	314108	20.834	ug/L	99
15) Methyl Acetate	4.667	43	71395	25.726	ug/L	100
16) Methylene chloride	4.917	84	149784	22.064	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	131174	25.098	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	233260	25.868	ug/L	99
19) 1,1-Dichloroethane	6.215	63	293551	27.528	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	157068	26.611	ug/L	99
22) 2-Butanone	7.166	43	112745	46.357	ug/L	100
23) Bromochloromethane	7.520	128	62878	25.803	ug/L	93
25) Chloroform	7.672	83	278486	27.904	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	183469	27.062	ug/L	100
29) Cyclohexane	7.959	56	246434	23.800	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	222206	26.712	ug/L	99
31) Carbon tetrachloride	8.069	117	191124	25.480	ug/L	99
33) Benzene	8.319	78	601487	26.988	ug/L	100
34) Trichloroethene	9.087	95	156776	26.630	ug/L	93
35) Methylcyclohexane	9.337	83	254717	24.195	ug/L	100
37) 1,2-Dichloropropane	9.367	63	170271	28.255	ug/L	99
38) Bromodichloromethane	9.642	83	197902	26.708	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	255664	25.683	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	228737	55.194	ug/L	97
42) Toluene	10.385	91	631151	26.995	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	208821	24.861	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	115203	27.781	ug/L	94
46) Tetrachloroethene	10.861	164	104587	25.728	ug/L	97
48) 2-Hexanone	10.964	43	166537	54.293	ug/L	98
49) Dibromochloromethane	11.129	129	120620	26.191	ug/L	96
50) 1,2-Dibromoethane	11.233	107	103682	25.788	ug/L	98
51) Chlorobenzene	11.653	112	388239	26.518	ug/L	94
52) Ethylbenzene	11.727	91	733034	26.981	ug/L	99
53) m,p-Xylene	11.836	106	268333	26.040	ug/L	94
54) o-Xylene	12.159	106	258897	26.236	ug/L	96
55) Styrene	12.178	104	462050	27.416	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	145014	28.646	ug/L	96
59) Bromoform	12.348	173	65254	23.288	ug/L	98
60) Isopropylbenzene	12.464	105	745552	25.203	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	105078	25.557	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	601713	24.385	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	600434	24.870	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	297909	24.834	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	302929	25.287	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	269798	25.346	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	22009	21.418	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	197729	25.391	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	159459	24.058	ug/L	97
71) Naphthalene	15.360	128	315423	23.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	135055	24.780	ug/L	95

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

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