Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026695.D
Acq On : 10 Aug 2023 22:32
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

Quant Time: Aug 11 02:06:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	484393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	465363	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	245608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	196254	24.646	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.600%			
7) Chloroethane-d5	2.899	69	144446	24.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.560%			
11) 1,1-Dichloroethene-d2	4.027	65	94655	24.169	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.680%			
21) 2-Butanone-d5	7.075	46	134952	58.965	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.920%			
24) Chloroform-d	7.648	84	397910	24.475	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.920%			
26) 1,2-Dichloroethane-d4	8.307	65	222179	24.764	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.040%			
32) Benzene-d6	8.270	84	802372	25.017	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.080%			
36) 1,2-Dichloropropane-d6	9.270	67	252102	25.235	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.920%			
41) Toluene-d8	10.325	98	724584	26.319	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.280%			
43) trans-1,3-Dichloroprop...	10.581	79	103542	25.102	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.400%			
47) 2-Hexanone-d5	10.922	63	68205	64.973	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.940%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224404	28.443	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.760%			
66) 1,2-Dichlorobenzene-d4	13.849	152	219043	24.917	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	147900	22.457	ug/L #	88
3) Chloromethane	2.223	50	209600	23.275	ug/L	99
5) Vinyl chloride	2.375	62	206721	24.012	ug/L	100
6) Bromomethane	2.783	94	109496	21.830	ug/L	95
8) Chloroethane	2.936	64	114459	22.189	ug/L	99
9) Trichlorofluoromethane	3.265	101	157775	22.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	183145	23.998	ug/L	97
12) 1,1-Dichloroethene	4.052	96	164967	23.041	ug/L	91
13) Acetone	4.119	43	109511	48.123	ug/L	98
14) Carbon disulfide	4.393	76	578667	22.466	ug/L	99
15) Methyl Acetate	4.667	43	123750	27.148	ug/L	99
16) Methylene chloride	4.917	84	175521	18.732	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	179532	22.471	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	282664	23.382	ug/L	99
19) 1,1-Dichloroethane	6.216	63	368960	22.438	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	189567	22.075	ug/L	99
22) 2-Butanone	7.167	43	170800	50.930	ug/L	99
23) Bromochloromethane	7.514	128	83623	22.542	ug/L	98
25) Chloroform	7.679	83	343420	21.618	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	248919	22.461	ug/L	99
29) Cyclohexane	7.953	56	358806	24.932	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	283359	23.331	ug/L	99
31) Carbon tetrachloride	8.063	117	258232	23.254	ug/L	94
33) Benzene	8.325	78	782439	23.088	ug/L	100
34) Trichloroethene	9.093	95	198999	23.056	ug/L	95
35) Methylcyclohexane	9.337	83	372544	25.231	ug/L	99
37) 1,2-Dichloropropane	9.368	63	209072	22.523	ug/L	99
38) Bromodichloromethane	9.648	83	240462	22.082	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	301558	22.582	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	339147	56.169	ug/L	100
42) Toluene	10.386	91	811650	23.676	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	262525	22.840	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	148968	23.465	ug/L	99
46) Tetrachloroethene	10.861	164	145744	23.243	ug/L	97
48) 2-Hexanone	10.965	43	237553	57.820	ug/L	98
49) Dibromochloromethane	11.130	129	149283	22.483	ug/L	95
50) 1,2-Dibromoethane	11.233	107	140188	23.535	ug/L	94
51) Chlorobenzene	11.654	112	481187	22.221	ug/L	99
52) Ethylbenzene	11.727	91	908185	23.624	ug/L	98
53) m,p-Xylene	11.837	106	336679	23.640	ug/L	99
54) o-Xylene	12.166	106	312449	23.506	ug/L	97
55) Styrene	12.178	104	543063	23.498	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	198109	24.641	ug/L	96
59) Bromoform	12.349	173	89551	23.275	ug/L	97
60) Isopropylbenzene	12.465	105	888423	24.330	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	154418	25.919	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	714942	24.771	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	684740	24.210	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	351264	22.119	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	371164	22.395	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	323609	22.409	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	36405	25.347	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	231156	21.545	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	198904	21.866	ug/L	99
71) Naphthalene	15.360	128	437453	25.210	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	185162	22.567	ug/L	98

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

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