Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026780.D
Acq On : 18 Aug 2023 19:22
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Quant Time: Aug 18 23:47:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	561547	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	535716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	300999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168167	18.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.880%			
7) Chloroethane-d5	2.893	69	143367	20.886	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.560%			
11) 1,1-Dichloroethene-d2	4.021	65	95739	21.087	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.360%			
21) 2-Butanone-d5	7.075	46	154927	58.392	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.780%			
24) Chloroform-d	7.648	84	504266	26.756	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.040%			
26) 1,2-Dichloroethane-d4	8.307	65	276930	26.626	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.520%			
32) Benzene-d6	8.276	84	1006534	27.262	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.040%			
36) 1,2-Dichloropropane-d6	9.276	67	325287	28.284	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.120%			
41) Toluene-d8	10.325	98	820282	25.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.520%			
43) trans-1,3-Dichloroprop...	10.575	79	123435	25.995	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.960%			
47) 2-Hexanone-d5	10.922	63	78457	64.924	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.840%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272556	30.009	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.040%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	307163	28.511	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	195473	25.602	ug/L	93
3) Chloromethane	2.229	50	226406	21.687	ug/L	99
5) Vinyl chloride	2.375	62	224306	22.475	ug/L	98
6) Bromomethane	2.783	94	127134	21.864	ug/L	98
8) Chloroethane	2.930	64	128914	21.557	ug/L	99
9) Trichlorofluoromethane	3.265	101	178599	21.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	223748	25.290	ug/L	99
12) 1,1-Dichloroethene	4.051	96	209414	25.230	ug/L	97
13) Acetone	4.125	43	98830	37.463	ug/L	95
14) Carbon disulfide	4.393	76	665149	22.275	ug/L	100
15) Methyl Acetate	4.673	43	130615	24.717	ug/L	97
16) Methylene chloride	4.923	84	266810	24.562	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	221806	23.948	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	366044	26.119	ug/L	98
19) 1,1-Dichloroethane	6.216	63	483793	25.379	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	256080	25.723	ug/L	98
22) 2-Butanone	7.173	43	171217	44.040	ug/L	96
23) Bromochloromethane	7.514	128	107113	24.907	ug/L	95
25) Chloroform	7.679	83	453138	24.605	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304633	23.711	ug/L	99
29) Cyclohexane	7.959	56	419696	25.333	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	350521	25.071	ug/L	100
31) Carbon tetrachloride	8.069	117	306033	23.940	ug/L	96
33) Benzene	8.319	78	1031612	26.443	ug/L	100
34) Trichloroethene	9.093	95	244605	24.618	ug/L	99
35) Methylcyclohexane	9.337	83	452307	26.610	ug/L	98
37) 1,2-Dichloropropane	9.368	63	282410	26.429	ug/L	100
38) Bromodichloromethane	9.642	83	320551	25.571	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	394846	25.685	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	359519	51.723	ug/L	98
42) Toluene	10.386	91	1016286	25.752	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	331400	25.046	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	184240	25.210	ug/L	100
46) Tetrachloroethene	10.861	164	174063	24.114	ug/L	95
48) 2-Hexanone	10.965	43	245554	51.918	ug/L	98
49) Dibromochloromethane	11.129	129	191950	25.113	ug/L	90
50) 1,2-Dibromoethane	11.233	107	170495	24.864	ug/L	95
51) Chlorobenzene	11.654	112	623966	25.030	ug/L	99
52) Ethylbenzene	11.727	91	1151427	26.018	ug/L	100
53) m,p-Xylene	11.837	106	423020	25.802	ug/L	100
54) o-Xylene	12.166	106	406364	26.557	ug/L	98
55) Styrene	12.178	104	719577	27.046	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	233235	25.200	ug/L	98
59) Bromoform	12.349	173	107631	22.827	ug/L	95
60) Isopropylbenzene	12.458	105	1150585	25.711	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	176631	24.192	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	973844	27.532	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	926572	26.732	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	500469	25.715	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	501904	24.711	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	458468	25.905	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	41573	23.619	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	327527	24.909	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	299418	26.858	ug/L	98
71) Naphthalene	15.360	128	614962	28.918	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	251349	24.997	ug/L	99

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

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