Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027381.D
Acq On : 20 Oct 2023 18:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Quant Time: Oct 21 04:31:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	352671	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179891	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	136842	23.743	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.960%			
7) Chloroethane-d5	2.899	69	109742	26.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.080%			
11) 1,1-Dichloroethene-d2	4.021	65	70622	24.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.800%			
21) 2-Butanone-d5	7.081	46	103040	53.790	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.580%			
24) Chloroform-d	7.648	84	306635	27.243	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.960%			
26) 1,2-Dichloroethane-d4	8.307	65	167594	27.719	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.880%			
32) Benzene-d6	8.276	84	613665	25.719	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.880%			
36) 1,2-Dichloropropane-d6	9.276	67	197422	27.089	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.360%			
41) Toluene-d8	10.325	98	534133	24.686	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.760%			
43) trans-1,3-Dichloroprop...	10.575	79	78988	23.771	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.080%			
47) 2-Hexanone-d5	10.922	63	80401	53.322	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152963	28.131	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.520%			
66) 1,2-Dichlorobenzene-d4	13.848	152	165636	25.408	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	90130	20.059	ug/L	94
3) Chloromethane	2.229	50	132738	25.706	ug/L	98
5) Vinyl chloride	2.381	62	142423	24.692	ug/L	97
6) Bromomethane	2.789	94	80231	24.421	ug/L	99
8) Chloroethane	2.930	64	85348	25.706	ug/L	99
9) Trichlorofluoromethane	3.265	101	107582	26.438	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	123387	24.215	ug/L	97
12) 1,1-Dichloroethene	4.051	96	120286	24.291	ug/L	89
13) Acetone	4.137	43	72361	43.735	ug/L	96
14) Carbon disulfide	4.393	76	336287	21.906	ug/L	99
15) Methyl Acetate	4.673	43	73988	26.182	ug/L	99
16) Methylene chloride	4.923	84	146907	21.252	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	131213	24.655	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	245896	26.780	ug/L	99
19) 1,1-Dichloroethane	6.222	63	286867	26.419	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	154040	25.630	ug/L	96
22) 2-Butanone	7.179	43	105497	42.599	ug/L	99
23) Bromochloromethane	7.520	128	63432	25.564	ug/L	93
25) Chloroform	7.679	83	271693	26.735	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027381.D
Acq On : 20 Oct 2023 18:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Quant Time: Oct 21 04:31:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	185684	26.898	ug/L	97
29) Cyclohexane	7.959	56	244992	22.879	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	210721	24.495	ug/L	99
31) Carbon tetrachloride	8.069	117	178727	23.041	ug/L	98
33) Benzene	8.325	78	582896	25.290	ug/L	100
34) Trichloroethene	9.093	95	150804	24.770	ug/L	95
35) Methylcyclohexane	9.337	83	249213	22.890	ug/L	98
37) 1,2-Dichloropropane	9.367	63	163843	26.291	ug/L	99
38) Bromodichloromethane	9.648	83	192634	25.138	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	248601	24.149	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	225895	52.708	ug/L	99
42) Toluene	10.386	91	615906	25.473	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	207634	23.904	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	114908	26.795	ug/L	98
46) Tetrachloroethene	10.861	164	99673	23.710	ug/L	88
48) 2-Hexanone	10.965	43	158158	49.859	ug/L	98
49) Dibromochloromethane	11.123	129	111816	23.478	ug/L	95
50) 1,2-Dibromoethane	11.233	107	105999	25.494	ug/L	94
51) Chlorobenzene	11.654	112	383039	25.299	ug/L	97
52) Ethylbenzene	11.727	91	701922	24.982	ug/L	97
53) m,p-Xylene	11.837	106	254744	23.904	ug/L	94
54) o-Xylene	12.160	106	250573	24.554	ug/L	99
55) Styrene	12.178	104	441672	25.342	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	137835	26.329	ug/L	97
59) Bromoform	12.349	173	57219	21.376	ug/L	96
60) Isopropylbenzene	12.458	105	699929	24.768	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	103987	26.474	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	574837	24.386	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	560636	24.308	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	288626	25.186	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	280301	24.492	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	247201	24.309	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	21743	22.149	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	178157	23.948	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	146135	23.079	ug/L	96
71) Naphthalene	15.360	128	319543	24.540	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121319	23.301	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027381.D
Acq On : 20 Oct 2023 18:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Quant Time: Oct 21 04:31:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration