Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
Data File : VW028450.D
Acq On : 16 Apr 2024 14:26
Operator : SY/MD
Sample : P2144-11MS
Misc : 5.09g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

Quant Time: Apr 17 05:36:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 17 05:34:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	541687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	474303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	231449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162285	18.688	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.760%			
7) Chloroethane-d5	2.899	69	131697	20.009	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.040%			
11) 1,1-Dichloroethene-d2	4.021	65	71986	19.575	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.280%			
21) 2-Butanone-d5	7.075	46	79218	48.749	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.500%			
24) Chloroform-d	7.648	84	305960	21.646	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.600%			
26) 1,2-Dichloroethane-d4	8.307	65	164676	22.418	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.680%			
32) Benzene-d6	8.276	84	578614	22.331	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.320%			
36) 1,2-Dichloropropane-d6	9.270	67	177223	23.011	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.040%			
41) Toluene-d8	10.319	98	525725	22.313	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.240%			
43) trans-1,3-Dichloroprop...	10.575	79	71234	23.261	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.040%			
47) 2-Hexanone-d5	10.922	63	55323	51.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132407	24.366	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	163784	22.376	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	151470	20.790	ug/L	100
3) Chloromethane	2.223	50	174080	20.351	ug/L	99
5) Vinyl chloride	2.375	62	205997	20.222	ug/L	99
6) Bromomethane	2.796	94	122815	19.297	ug/L	96
8) Chloroethane	2.936	64	125340	20.411	ug/L	99
9) Trichlorofluoromethane	3.271	101	178628	21.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	150503	19.686	ug/L	96
12) 1,1-Dichloroethene	4.045	96	149779	20.865	ug/L	96
13) Acetone	4.119	43	104632	52.439	ug/L	100
14) Carbon disulfide	4.393	76	467471	19.779	ug/L	99
15) Methyl Acetate	4.673	43	66032	20.568	ug/L	99
16) Methylene chloride	4.923	84	151802	18.520	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	154063	20.374	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	229436	21.570	ug/L	98
19) 1,1-Dichloroethane	6.222	63	308171	20.917	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	168448	20.989	ug/L	98
22) 2-Butanone	7.167	43	109940	45.402	ug/L	99
23) Bromochloromethane	7.520	128	69601	20.134	ug/L	94
25) Chloroform	7.679	83	300894	20.791	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
Data File : VW028450.D
Acq On : 16 Apr 2024 14:26
Operator : SY/MD
Sample : P2144-11MS
Misc : 5.09g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

Quant Time: Apr 17 05:36:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 17 05:34:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	205767	20.599	ug/L	99
29) Cyclohexane	7.959	56	280853	22.417	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	253411	22.030	ug/L	99
31) Carbon tetrachloride	8.069	117	224749	22.033	ug/L	98
33) Benzene	8.325	78	637185	21.487	ug/L	100
34) Trichloroethene	9.093	95	172349	21.446	ug/L	97
35) Methylcyclohexane	9.337	83	295817	21.571	ug/L	99
37) 1,2-Dichloropropane	9.368	63	165980	21.475	ug/L	100
38) Bromodichloromethane	9.642	83	208569	21.771	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	259392	22.885	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	190691	49.284	ug/L	98
42) Toluene	10.386	91	688959	21.930	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	210770	22.986	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	114332	21.864	ug/L	97
46) Tetrachloroethene	10.861	164	304503	50.726	ug/L	81
48) 2-Hexanone	10.965	43	156939	51.100	ug/L	97
49) Dibromochloromethane	11.129	129	121921	21.814	ug/L	98
50) 1,2-Dibromoethane	11.233	107	106278	22.268	ug/L	92
51) Chlorobenzene	11.654	112	404137	20.695	ug/L	98
52) Ethylbenzene	11.727	91	783997	22.014	ug/L	99
53) m,p-Xylene	11.837	106	287731	21.726	ug/L	98
54) o-Xylene	12.166	106	268325	21.760	ug/L	98
55) Styrene	12.178	104	468616	22.328	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	129727	21.922	ug/L	94
59) Bromoform	12.343	173	67811	22.196	ug/L	100
60) Isopropylbenzene	12.458	105	771751	22.242	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	93583	22.116	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	511012	23.106	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	613028	23.033	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	320041	21.738	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	314036	20.968	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	273513	21.120	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	20335	20.971	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	194778	19.226	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	163053	20.609	ug/L	94
71) Naphthalene	15.360	128	310120	22.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	131486	18.729	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
Data File : VW028450.D
Acq On : 16 Apr 2024 14:26
Operator : SY/MD
Sample : P2144-11MS
Misc : 5.09g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

Quant Time: Apr 17 05:36:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 17 05:34:21 2024
Response via : Initial Calibration