Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
Data File : VW028560.D
Acq On : 01 May 2024 15:02
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Quant Time: May 02 02:49:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 02 02:18:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232055	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	59006	14.505	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.000%			
7) Chloroethane-d5	2.905	69	50831	16.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.960%			
11) 1,1-Dichloroethene-d2	4.021	65	27467	15.944	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.760%			
21) 2-Butanone-d5	7.075	46	53898	70.803	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.600%#			
24) Chloroform-d	7.648	84	134589	20.326	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.320%			
26) 1,2-Dichloroethane-d4	8.307	65	77476	22.515	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.080%			
32) Benzene-d6	8.276	84	239942	18.927	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.720%			
36) 1,2-Dichloropropane-d6	9.270	67	77951	20.687	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.760%			
41) Toluene-d8	10.325	98	214575	18.614	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.440%			
43) trans-1,3-Dichloroprop...	10.575	79	32082	21.412	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.640%			
47) 2-Hexanone-d5	10.922	63	35403	67.827	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.660%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78791	29.636	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	75901	20.280	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	76729	22.482	ug/L	98
3) Chloromethane	2.228	50	92497	23.084	ug/L	100
5) Vinyl chloride	2.375	62	106738	22.368	ug/L	100
6) Bromomethane	2.789	94	63544	21.313	ug/L	96
8) Chloroethane	2.936	64	65305	22.702	ug/L	98
9) Trichlorofluoromethane	3.271	101	97679	25.659	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80062	22.355	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	78535	23.354	ug/L	92
13) Acetone	4.118	43	69144	73.975	ug/L	95
14) Carbon disulfide	4.393	76	229315	20.713	ug/L	100
15) Methyl Acetate	4.673	43	49562	32.955	ug/L	99
16) Methylene chloride	4.923	84	86658	22.569	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	82985	23.427	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	134705	27.034	ug/L	98
19) 1,1-Dichloroethane	6.222	63	168149	24.364	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	89134	23.709	ug/L	94
22) 2-Butanone	7.167	43	74992	66.111	ug/L	99
23) Bromochloromethane	7.520	128	39277	24.255	ug/L	98
25) Chloroform	7.673	83	165727	24.445	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
Data File : VW028560.D
Acq On : 01 May 2024 15:02
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Quant Time: May 02 02:49:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 02 02:18:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121171	25.895	ug/L		100
29) Cyclohexane	7.959	56	149287	24.355	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	138775	24.658	ug/L		99
31) Carbon tetrachloride	8.069	117	124940	25.035	ug/L		96
33) Benzene	8.325	78	350796	24.178	ug/L		100
34) Trichloroethene	9.093	95	91804	23.348	ug/L		97
35) Methylcyclohexane	9.337	83	161881	24.127	ug/L		98
37) 1,2-Dichloropropane	9.367	63	94294	24.935	ug/L		100
38) Bromodichloromethane	9.648	83	118175	25.212	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	138038	24.892	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	138850	73.348	ug/L		99
42) Toluene	10.386	91	372906	24.261	ug/L		94
44) trans-1,3-Dichloropropene	10.605	75	118844	26.491	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	70121	27.408	ug/L		96
46) Tetrachloroethene	10.861	164	66164	22.528	ug/L		80
48) 2-Hexanone	10.965	43	109993	73.201	ug/L		97
49) Dibromochloromethane	11.129	129	72085	26.362	ug/L		95
50) 1,2-Dibromoethane	11.233	107	65777	28.169	ug/L	#	96
51) Chlorobenzene	11.654	112	226224	23.678	ug/L		95
52) Ethylbenzene	11.727	91	424415	24.358	ug/L		98
53) m,p-Xylene	11.836	106	158526	24.466	ug/L		99
54) o-Xylene	12.160	106	150010	24.864	ug/L		94
55) Styrene	12.178	104	259566	25.279	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.708	83	89957	31.070	ug/L		98
59) Bromoform	12.349	173	41354	26.473	ug/L		99
60) Isopropylbenzene	12.458	105	428462	24.150	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	68588	31.701	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	276024	24.410	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	335425	24.648	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	175151	23.267	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	176207	23.010	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	159969	24.158	ug/L		90
68) 1,2-Dibromo-3-chloropr...	14.476	75	15890	32.050	ug/L		89
69) 1,3,5-Trichlorobenzene	14.623	180	122009	23.553	ug/L		96
70) 1,2,4-trichlorobenzene	15.122	180	102697	25.387	ug/L		96
71) Naphthalene	15.360	128	224691	31.384	ug/L		100
72) 1,2,3-Trichlorobenzene	15.543	180	87571	24.395	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
Data File : VW028560.D
Acq On : 01 May 2024 15:02
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Quant Time: May 02 02:49:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 02 02:18:04 2024
Response via : Initial Calibration