Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
Data File : VW020204.D
Acq On : 27 Sep 2021 10:36
Operator : SY/VA
Sample : M3877-16MS
Misc : 5.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW2L8MS

Quant Time: Sep 28 05:22:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 28 05:21:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	317479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	274867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	119293	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	127932	19.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.800%			
7) Chloroethane-d5	2.898	69	106129	21.691	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.760%			
11) 1,1-Dichloroethene-d2	4.025	63	213561	21.001	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.000%			
21) 2-Butanone-d5	7.080	46	33617	33.541	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.080%			
24) Chloroform-d	7.653	84	225827	22.618	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.480%			
26) 1,2-Dichloroethane-d4	8.305	65	108914	20.268	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.080%			
32) Benzene-d6	8.275	84	411177	23.448	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	9.274	67	118290	23.308	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.240%			
41) Toluene-d8	10.323	98	359399	22.525	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.080%			
43) trans-1,3-Dichloroprop...	10.579	79	46186	21.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.160%			
47) 2-Hexanone-d5	10.920	63	26485	37.711	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.420%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	74231	18.962	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	82697	18.488	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 73.960%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	66123	23.779	ug/L	100
3) Chloromethane	2.221	50	90968	23.658	ug/L	98
5) Vinyl chloride	2.373	62	154818	25.641	ug/L	98
6) Bromomethane	2.788	94	95811	24.547	ug/L	99
8) Chloroethane	2.934	64	93276	25.547	ug/L	98
9) Trichlorofluoromethane	3.269	101	106791	25.139	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	108435	23.350	ug/L	97
12) 1,1-Dichloroethene	4.050	96	106418	25.276	ug/L #	79
13) Acetone	4.129	43	33914	39.509	ug/L	100
14) Carbon disulfide	4.391	76	325401	24.576	ug/L	100
15) Methyl Acetate	4.678	43	27512	16.760	ug/L	100
16) Methylene chloride	4.915	84	110711	19.763	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	108384	24.436	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	117472	22.310	ug/L	100
19) 1,1-Dichloroethane	6.220	63	202791	24.788	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	106867	23.691	ug/L	96
22) 2-Butanone	7.177	43	39414	35.392	ug/L	98
23) Bromochloromethane	7.513	128	45744	22.371	ug/L	92
25) Chloroform	7.677	83	208814	24.409	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
Data File : VW020204.D
Acq On : 27 Sep 2021 10:36
Operator : SY/VA
Sample : M3877-16MS
Misc : 5.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW2L8MS

Quant Time: Sep 28 05:22:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 28 05:21:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	123961	22.018	ug/L		99
29) Cyclohexane	7.958	56	145007	23.709	ug/L		99
30) 1,1,1-Trichloroethane	7.878	97	179269	26.320	ug/L		99
31) Carbon tetrachloride	8.073	117	160554	25.908	ug/L		100
33) Benzene	8.329	78	448837	27.057	ug/L		100
34) Trichloroethene	9.092	95	112808	25.403	ug/L		95
35) Methylcyclohexane	9.335	83	144562	19.979	ug/L		98
37) 1,2-Dichloropropane	9.372	63	105227	25.610	ug/L		99
38) Bromodichloromethane	9.646	83	139878	25.140	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	150616	24.853	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	84030	40.607	ug/L		99
42) Toluene	10.390	91	467142	26.506	ug/L		98
44) trans-1,3-Dichloropropene	10.610	75	126581	23.254	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	68801	22.837	ug/L		97
46) Tetrachloroethene	10.866	164	80392	23.422	ug/L		93
48) 2-Hexanone	10.969	43	63412	43.991	ug/L		96
49) Dibromochloromethane	11.128	129	79729	22.648	ug/L		97
50) 1,2-Dibromoethane	11.237	107	59127	20.854	ug/L		95
51) Chlorobenzene	11.658	112	265681	23.178	ug/L		98
52) Ethylbenzene	11.731	91	471259	24.277	ug/L		98
53) m,p-Xylene	11.841	106	180926	24.448	ug/L		98
54) o-Xylene	12.164	106	168300	24.585	ug/L		98
55) Styrene	12.182	104	279133	23.466	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	69766	19.388	ug/L		97
59) Bromoform	12.353	173	36516	22.451	ug/L		98
60) Isopropylbenzene	12.463	105	432901	27.065	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	52605	23.354	ug/L		98
62) 1,3,5-Trimethylbenzene	12.945	105	337515	25.712	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	338281	26.233	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	167677	22.859	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	166560	21.972	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	142969	21.400	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10115	20.004	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.627	180	89568	17.654	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	60629	15.484	ug/L		94
71) Naphthalene	15.365	128	102111	14.786	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	51088	14.490	ug/L		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
Data File : VW020204.D
Acq On : 27 Sep 2021 10:36
Operator : SY/VA
Sample : M3877-16MS
Misc : 5.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW2L8MS

Quant Time: Sep 28 05:22:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 28 05:21:35 2021
Response via : Initial Calibration