Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
Data File : VW026117.D
Acq On : 06 Jun 2023 19:13
Operator : SY/MD
Sample : 03062-05MSD
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

Quant Time: Jun 07 01:09:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 07 01:06:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	898136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	790466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	385901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	301741	23.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.520%			
7) Chloroethane-d5	2.893	69	252012	26.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.560%			
11) 1,1-Dichloroethene-d2	4.021	65	147450	23.667	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.680%			
21) 2-Butanone-d5	7.075	46	205928	55.982	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.960%			
24) Chloroform-d	7.648	84	634002	24.106	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.440%			
26) 1,2-Dichloroethane-d4	8.307	65	353773	24.599	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	8.270	84	1293745	24.323	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.280%			
36) 1,2-Dichloropropane-d6	9.270	67	415576	24.662	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.640%			
41) Toluene-d8	10.325	98	1144958	24.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.080%			
43) trans-1,3-Dichloroprop...	10.575	79	159805	23.932	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.720%			
47) 2-Hexanone-d5	10.922	63	152541	57.410	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.820%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	325744	26.565	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	355025	24.036	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	203611	18.493	ug/L	92
3) Chloromethane	2.222	50	308719	21.868	ug/L	99
5) Vinyl chloride	2.375	62	313485	20.774	ug/L	99
6) Bromomethane	2.783	94	176390	21.442	ug/L	97
8) Chloroethane	2.930	64	188185	23.077	ug/L	95
9) Trichlorofluoromethane	3.265	101	213295	21.971	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	252001	20.572	ug/L	97
12) 1,1-Dichloroethene	4.045	96	238470	20.854	ug/L	94
13) Acetone	4.118	43	127837	44.914	ug/L	99
14) Carbon disulfide	4.393	76	794636	19.685	ug/L	99
15) Methyl Acetate	4.667	43	147684	23.119	ug/L	99
16) Methylene chloride	4.917	84	273057	19.048	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	258336	20.135	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	414463	20.497	ug/L	99
19) 1,1-Dichloroethane	6.216	63	534568	20.466	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	283447	20.857	ug/L	98
22) 2-Butanone	7.167	43	192773	47.479	ug/L	99
23) Bromochloromethane	7.520	128	120226	20.744	ug/L	94
25) Chloroform	7.673	83	501385	20.609	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 07 01:06:46 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	351985	20.978	ug/L	99
29) Cyclohexane	7.959	56	494742	20.273	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	387713	20.212	ug/L	100
31) Carbon tetrachloride	8.069	117	345844	19.757	ug/L	100
33) Benzene	8.325	78	1129090	20.851	ug/L	100
34) Trichloroethene	9.093	95	284701	20.533	ug/L	96
35) Methylcyclohexane	9.337	83	498573	20.321	ug/L	99
37) 1,2-Dichloropropane	9.368	63	308718	21.049	ug/L	99
38) Bromodichloromethane	9.642	83	355480	20.862	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	452797	21.008	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	417794	48.317	ug/L	99
42) Toluene	10.386	91	1162863	20.996	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	385761	21.484	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	205661	21.276	ug/L	99
46) Tetrachloroethene	10.861	164	193415	19.721	ug/L	97
48) 2-Hexanone	10.965	43	292631	47.996	ug/L	98
49) Dibromochloromethane	11.129	129	223626	22.066	ug/L	90
50) 1,2-Dibromoethane	11.233	107	193187	21.585	ug/L	97
51) Chlorobenzene	11.654	112	703322	20.265	ug/L	99
52) Ethylbenzene	11.727	91	1301088	20.825	ug/L	98
53) m,p-Xylene	11.837	106	483561	20.805	ug/L	88
54) o-Xylene	12.166	106	456378	20.804	ug/L	96
55) Styrene	12.178	104	807567	21.458	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	263405	22.517	ug/L	97
59) Bromoform	12.349	173	119679	20.648	ug/L	97
60) Isopropylbenzene	12.458	105	1249106	20.605	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	190348	22.021	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1006103	20.877	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	919406	20.830	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	515153	20.211	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	529512	20.634	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	467716	20.434	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	42465	21.204	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	316902	18.099	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	268444	18.580	ug/L	96
71) Naphthalene	15.360	128	560603	21.771	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	245137	19.414	ug/L	99

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

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