Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027366.D
Acq On : 20 Oct 2023 12:09
Operator : SY/MD
Sample : 04953-09MS
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

Quant Time: Oct 21 04:27:09 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	493013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	377815	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	143349	19.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.200%			
7) Chloroethane-d5	2.899	69	112204	20.769	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.080%			
11) 1,1-Dichloroethene-d2	4.027	65	66768	17.710	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.840%			
21) 2-Butanone-d5	7.075	46	95351	38.127	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.260%			
24) Chloroform-d	7.648	84	287537	19.568	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.280%			
26) 1,2-Dichloroethane-d4	8.307	65	163176	20.673	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.680%			
32) Benzene-d6	8.276	84	567440	22.199	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.800%			
36) 1,2-Dichloropropane-d6	9.276	67	184972	23.691	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.760%			
41) Toluene-d8	10.319	98	446243	19.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.000%			
43) trans-1,3-Dichloroprop...	10.575	79	69441	19.507	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.040%			
47) 2-Hexanone-d5	10.922	63	74109	45.878	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.760%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130656	22.430	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.720%			
66) 1,2-Dichlorobenzene-d4	13.848	152	78815	17.492	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 69.960%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	128143	21.845	ug/L	93
3) Chloromethane	2.229	50	170426	25.281	ug/L	97
5) Vinyl chloride	2.381	62	179846	23.883	ug/L	96
6) Bromomethane	2.789	94	93110	21.709	ug/L	94
8) Chloroethane	2.936	64	104479	24.104	ug/L	99
9) Trichlorofluoromethane	3.265	101	123649	23.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	125086	18.803	ug/L	94
12) 1,1-Dichloroethene	4.045	96	134815	20.854	ug/L	98
13) Acetone	4.118	43	125709	58.199	ug/L	98
14) Carbon disulfide	4.399	76	358275	17.877	ug/L	99
15) Methyl Acetate	4.667	43	80831	21.910	ug/L	98
16) Methylene chloride	4.917	84	175077	19.400	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	146096	21.027	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	297951	24.856	ug/L	99
19) 1,1-Dichloroethane	6.222	63	333090	23.498	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	169842	21.646	ug/L	95
22) 2-Butanone	7.173	43	158780	49.111	ug/L	97
23) Bromochloromethane	7.514	128	73547	22.704	ug/L	89
25) Chloroform	7.679	83	303829	22.901	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	215828	23.948	ug/L	98
29) Cyclohexane	7.959	56	203041	17.700	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	230969	25.061	ug/L	99
31) Carbon tetrachloride	8.075	117	181303	21.817	ug/L	99
33) Benzene	8.325	78	643943	26.079	ug/L	100
34) Trichloroethene	9.093	95	147396	22.599	ug/L	94
35) Methylcyclohexane	9.337	83	142789	12.242	ug/L	97
37) 1,2-Dichloropropane	9.367	63	183854	27.538	ug/L	99
38) Bromodichloromethane	9.642	83	209256	25.490	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	253981	23.030	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	274798	59.851	ug/L	98
42) Toluene	10.386	91	596036	23.011	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	213207	22.912	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	124648	27.132	ug/L	94
46) Tetrachloroethene	10.861	164	76814	17.056	ug/L	86
48) 2-Hexanone	10.965	43	205279	60.407	ug/L	99
49) Dibromochloromethane	11.123	129	120017	23.523	ug/L	95
50) 1,2-Dibromoethane	11.233	107	111780	25.095	ug/L	98
51) Chlorobenzene	11.654	112	332228	20.482	ug/L	99
52) Ethylbenzene	11.727	91	585976	19.468	ug/L	98
53) m,p-Xylene	11.837	106	212555	18.618	ug/L	98
54) o-Xylene	12.160	106	212493	19.437	ug/L	97
55) Styrene	12.178	104	354827	19.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	140609	25.071	ug/L	97
59) Bromoform	12.349	173	60296	32.589	ug/L	97
60) Isopropylbenzene	12.458	105	498266	25.509	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	109198	40.221	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	366818	22.513	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	363927	22.828	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	163847	20.685	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	162175	20.502	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	151361	21.534	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	21886	32.255	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	63759	12.399	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	47951	10.956	ug/L	96
71) Naphthalene	15.360	128	159401	17.711	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	38592	10.723	ug/L	90

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

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