Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
Data File : VW028310.D
Acq On : 04 Apr 2024 13:29
Operator : SY/MD
Sample : P1988-06MSD
Misc : 3.53g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07T0MSD

Quant Time: Apr 05 01:01:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 05 00:59:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	82454	17.149	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.600%			
7) Chloroethane-d5	2.905	69	63487	18.900	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	4.027	65	51283	16.820	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.280%			
21) 2-Butanone-d5	7.081	46	53426	37.675	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.360%			
24) Chloroform-d	7.654	84	235230	19.413	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.640%			
26) 1,2-Dichloroethane-d4	8.307	65	113963	17.067	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 68.280%#			
32) Benzene-d6	8.276	84	460135	20.729	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.920%			
36) 1,2-Dichloropropane-d6	9.276	67	136132	21.310	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.240%			
41) Toluene-d8	10.319	98	408474	19.950	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	10.575	79	54527	18.793	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.160%			
47) 2-Hexanone-d5	10.922	63	43011	40.733	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96299	20.407	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.640%			
66) 1,2-Dichlorobenzene-d4	13.848	152	134771	20.254	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	78403	13.153	ug/L	95
3) Chloromethane	2.229	50	78678	18.609	ug/L	100
5) Vinyl chloride	2.381	62	92886	19.436	ug/L	98
6) Bromomethane	2.796	94	55915	19.646	ug/L	94
8) Chloroethane	2.942	64	53155	20.693	ug/L	97
9) Trichlorofluoromethane	3.271	101	117408	20.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	110906	19.321	ug/L	95
12) 1,1-Dichloroethene	4.051	96	103129	19.435	ug/L	87
13) Acetone	4.137	43	49429	31.393	ug/L	98
14) Carbon disulfide	4.399	76	285267	17.236	ug/L	99
15) Methyl Acetate	4.679	43	40576	16.731	ug/L	98
16) Methylene chloride	4.923	84	108372	17.328	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	109924	19.493	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	158719	18.655	ug/L	98
19) 1,1-Dichloroethane	6.222	63	219852	20.138	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	121907	20.016	ug/L	99
22) 2-Butanone	7.179	43	60168	33.657	ug/L	97
23) Bromochloromethane	7.520	128	48554	18.033	ug/L	89
25) Chloroform	7.679	83	222459	19.793	ug/L	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 05 00:59:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132208	16.657	ug/L	97
29) Cyclohexane	7.959	56	188231	19.849	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	188295	19.757	ug/L	99
31) Carbon tetrachloride	8.075	117	168754	18.877	ug/L	99
33) Benzene	8.325	78	459997	20.560	ug/L	100
34) Trichloroethene	9.093	95	125964	20.180	ug/L	91
35) Methylcyclohexane	9.337	83	195845	18.562	ug/L	99
37) 1,2-Dichloropropane	9.368	63	120710	21.094	ug/L	99
38) Bromodichloromethane	9.642	83	153126	19.847	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	188203	20.536	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	118342	37.465	ug/L	99
42) Toluene	10.386	91	501555	20.541	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	151089	19.527	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	81165	19.631	ug/L	99
46) Tetrachloroethene	10.861	164	95710	19.022	ug/L	97
48) 2-Hexanone	10.965	43	92331	37.315	ug/L	96
49) Dibromochloromethane	11.129	129	95297	19.461	ug/L	95
50) 1,2-Dibromoethane	11.233	107	71702	18.137	ug/L	92
51) Chlorobenzene	11.654	112	311212	20.080	ug/L	97
52) Ethylbenzene	11.727	91	579546	20.332	ug/L	99
53) m,p-Xylene	11.837	106	214600	20.007	ug/L	99
54) o-Xylene	12.160	106	205580	20.667	ug/L	92
55) Styrene	12.178	104	349860	20.476	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	88991	18.817	ug/L	97
59) Bromoform	12.343	173	53485	19.541	ug/L	92
60) Isopropylbenzene	12.458	105	594403	21.903	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	64679	18.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	393243	21.596	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	468845	21.323	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	248862	20.555	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	249374	20.598	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	213163	20.445	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14094	17.211	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	164958	19.560	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	130867	18.266	ug/L	95
71) Naphthalene	15.360	128	236239	19.211	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116020	19.644	ug/L	97

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

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