Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
Data File : VW029413.D
Acq On : 28 Jun 2024 21:10
Operator : SY/MD
Sample : P3088-04MSD
Misc : 5.79g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CC5MSD

Quant Time: Jun 29 02:17:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	459326	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	400507	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103109	16.218	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.880%			
7) Chloroethane-d5	2.899	69	90535	16.863	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.440%			
11) 1,1-Dichloroethene-d2	4.015	65	54983	17.912	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.640%			
21) 2-Butanone-d5	7.075	46	59251	31.150	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.300%			
24) Chloroform-d	7.648	84	279286	20.383	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.520%			
26) 1,2-Dichloroethane-d4	8.301	65	143802	18.279	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.120%			
32) Benzene-d6	8.270	84	523525	21.520	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.080%			
36) 1,2-Dichloropropane-d6	9.270	67	170484	22.046	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.200%			
41) Toluene-d8	10.319	98	462983	21.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.040%			
43) trans-1,3-Dichloroprop...	10.575	79	60805	19.512	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.040%			
47) 2-Hexanone-d5	10.922	63	41311	34.078	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118385	19.235	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	141526	22.661	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	74139	16.544	ug/L	95
3) Chloromethane	2.223	50	106366	16.646	ug/L	98
5) Vinyl chloride	2.369	62	126261	17.207	ug/L	99
6) Bromomethane	2.783	94	68393	15.507	ug/L	92
8) Chloroethane	2.936	64	81183	18.088	ug/L	99
9) Trichlorofluoromethane	3.271	101	125181	22.004	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119991	19.130	ug/L	93
12) 1,1-Dichloroethene	4.045	96	111278	20.908	ug/L	81
13) Acetone	4.119	43	37974	23.492	ug/L	98
14) Carbon disulfide	4.387	76	290920	16.744	ug/L	99
15) Methyl Acetate	4.667	43	46167	14.387	ug/L	100
16) Methylene chloride	4.917	84	137990	17.085	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	121523	20.560	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	199309	21.077	ug/L	98
19) 1,1-Dichloroethane	6.216	63	267945	20.990	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	139361	21.382	ug/L	98
22) 2-Butanone	7.167	43	68806	31.052	ug/L	97
23) Bromochloromethane	7.514	128	57209	19.717	ug/L	94
25) Chloroform	7.673	83	264041	21.182	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	168060	18.280	ug/L	100
29) Cyclohexane	7.953	56	206608	22.565	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	206423	23.178	ug/L	96
31) Carbon tetrachloride	8.069	117	182183	22.393	ug/L	97
33) Benzene	8.319	78	542814	22.557	ug/L	100
34) Trichloroethene	9.087	95	140603	21.900	ug/L	95
35) Methylcyclohexane	9.331	83	211161	20.913	ug/L	97
37) 1,2-Dichloropropane	9.368	63	152850	22.604	ug/L	98
38) Bromodichloromethane	9.642	83	181528	21.956	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	206578	21.612	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	154117	36.772	ug/L	98
42) Toluene	10.386	91	565655	22.865	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	167625	20.769	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	93834	19.924	ug/L	97
46) Tetrachloroethene	10.861	164	95347	21.245	ug/L	89
48) 2-Hexanone	10.965	43	99365	33.412	ug/L	98
49) Dibromochloromethane	11.129	129	103337	20.991	ug/L	97
50) 1,2-Dibromoethane	11.233	107	82557	19.528	ug/L	96
51) Chlorobenzene	11.654	112	347242	21.615	ug/L	96
52) Ethylbenzene	11.727	91	642035	22.863	ug/L	99
53) m,p-Xylene	11.837	106	239211	23.321	ug/L	97
54) o-Xylene	12.160	106	224355	23.403	ug/L	92
55) Styrene	12.178	104	376186	22.506	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	108316	18.593	ug/L	95
59) Bromoform	12.349	173	51849	21.026	ug/L	95
60) Isopropylbenzene	12.458	105	636164	26.535	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	79141	20.166	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	454308	26.166	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	497910	26.653	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	247706	23.875	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	254846	23.087	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	222483	23.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16523	18.042	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	148504	21.209	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	110845	19.528	ug/L	99
71) Naphthalene	15.354	128	219608	19.603	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95127	18.393	ug/L	97

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

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