Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
Data File : VW029402.D
Acq On : 28 Jun 2024 16:46
Operator : SY/MD
Sample : P3101-04MSD
Misc : 5.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CD6MSD

Quant Time: Jun 29 02:13:13 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	366491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80235	15.817	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.280%			
7) Chloroethane-d5	2.893	69	69272	16.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.680%			
11) 1,1-Dichloroethene-d2	4.021	65	39372	16.075	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.320%			
21) 2-Butanone-d5	7.075	46	60767	40.040	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.080%			
24) Chloroform-d	7.648	84	200690	18.357	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.440%			
26) 1,2-Dichloroethane-d4	8.307	65	114435	18.231	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 72.920%			
32) Benzene-d6	8.276	84	367539	22.129	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.520%			
36) 1,2-Dichloropropane-d6	9.270	67	121322	22.980	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.920%			
41) Toluene-d8	10.325	98	294893	20.069	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.280%			
43) trans-1,3-Dichloroprop...	10.575	79	38949	18.307	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.240%			
47) 2-Hexanone-d5	10.922	63	34579	41.781	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86295	20.537	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.160%			
66) 1,2-Dichlorobenzene-d4	13.849	152	61102	18.583	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 74.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	68750	19.228	ug/L	100
3) Chloromethane	2.223	50	98077	19.237	ug/L	98
5) Vinyl chloride	2.375	62	115990	19.811	ug/L	98
6) Bromomethane	2.790	94	59520	16.914	ug/L	91
8) Chloroethane	2.936	64	77267	21.577	ug/L	98
9) Trichlorofluoromethane	3.271	101	109864	24.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95570	19.096	ug/L #	92
12) 1,1-Dichloroethene	4.051	96	96181	22.649	ug/L #	71
13) Acetone	4.119	43	45053	34.931	ug/L	97
14) Carbon disulfide	4.393	76	251467	18.140	ug/L	99
15) Methyl Acetate	4.667	43	47159	18.418	ug/L	98
16) Methylene chloride	4.917	84	120847	18.753	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	105807	22.436	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	203669	26.993	ug/L	98
19) 1,1-Dichloroethane	6.216	63	242408	23.799	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	121094	23.285	ug/L	92
22) 2-Butanone	7.167	43	73273	41.444	ug/L	98
23) Bromochloromethane	7.514	128	53339	23.040	ug/L	96
25) Chloroform	7.679	83	234430	23.570	ug/L	98

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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	164658	22.447	ug/L	99
29) Cyclohexane	7.953	56	137625	22.016	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	175102	28.798	ug/L	97
31) Carbon tetrachloride	8.069	117	149091	26.842	ug/L	95
33) Benzene	8.325	78	467109	28.431	ug/L	100
34) Trichloroethene	9.087	95	112640	25.698	ug/L	97
35) Methylcyclohexane	9.337	83	107657	15.617	ug/L	98
37) 1,2-Dichloropropane	9.368	63	136120	29.485	ug/L	98
38) Bromodichloromethane	9.642	83	161409	28.595	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	151729	23.250	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	161174	56.327	ug/L	98
42) Toluene	10.386	91	451495	26.731	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	131197	23.809	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	89350	27.789	ug/L	96
46) Tetrachloroethene	10.861	164	63145	20.608	ug/L	88
48) 2-Hexanone	10.965	43	96292	47.425	ug/L	98
49) Dibromochloromethane	11.130	129	90827	27.023	ug/L	100
50) 1,2-Dibromoethane	11.233	107	74142	25.688	ug/L	97
51) Chlorobenzene	11.654	112	251441	22.925	ug/L	95
52) Ethylbenzene	11.727	91	448799	23.408	ug/L	97
53) m,p-Xylene	11.837	106	160107	22.862	ug/L	97
54) o-Xylene	12.160	106	159052	24.301	ug/L	93
55) Styrene	12.178	104	254781	22.326	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	97407	24.491	ug/L	99
59) Bromoform	12.349	173	46814	36.059	ug/L	98
60) Isopropylbenzene	12.459	105	372157	29.485	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76534	37.042	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	249613	27.307	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	270854	27.539	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	132126	24.189	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	134639	23.167	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	122236	24.207	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15110	31.338	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	57630	15.633	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	40165	13.441	ug/L	98
71) Naphthalene	15.360	128	108453	18.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	34061	12.509	ug/L	96

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

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