Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
Data File : VW030673.D
Acq On : 18 Oct 2024 18:40
Operator : SY/MD
Sample : P4429-18MSD
Misc : 5.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

Quant Time: Oct 19 00:30:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 19 00:23:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	68281	16.651	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.600%			
7) Chloroethane-d5	2.899	69	62542	20.149	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.600%			
11) 1,1-Dichloroethene-d2	4.021	65	30501	17.883	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.520%			
21) 2-Butanone-d5	7.081	46	32683	44.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.580%			
24) Chloroform-d	7.654	84	162050	21.720	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.880%			
26) 1,2-Dichloroethane-d4	8.307	65	81949	21.123	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.480%			
32) Benzene-d6	8.276	84	292796	20.663	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.640%			
36) 1,2-Dichloropropane-d6	9.276	67	89215	21.450	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.800%			
41) Toluene-d8	10.319	98	260524	20.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.560%			
43) trans-1,3-Dichloroprop...	10.581	79	33775	19.393	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.560%			
47) 2-Hexanone-d5	10.922	63	25490	47.583	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70009	22.920	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.680%			
66) 1,2-Dichlorobenzene-d4	13.854	152	90544	21.984	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	69548	20.866	ug/L	98
3) Chloromethane	2.222	50	86101	22.226	ug/L	100
5) Vinyl chloride	2.375	62	111873	23.483	ug/L	93
6) Bromomethane	2.795	94	76738	24.472	ug/L	92
8) Chloroethane	2.936	64	72254	24.810	ug/L	94
9) Trichlorofluoromethane	3.271	101	99392	23.316	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	90882	23.697	ug/L	98
12) 1,1-Dichloroethene	4.051	96	81973	23.420	ug/L	85
13) Acetone	4.118	43	38622	35.748	ug/L	96
14) Carbon disulfide	4.393	76	237345	20.765	ug/L	100
15) Methyl Acetate	4.679	43	31576	23.660	ug/L	98
16) Methylene chloride	4.923	84	92660	23.494	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	89924	23.809	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	137281	25.971	ug/L	99
19) 1,1-Dichloroethane	6.222	63	177231	25.248	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	99992	24.821	ug/L	97
22) 2-Butanone	7.173	43	45837	39.359	ug/L	97
23) Bromochloromethane	7.514	128	42233	23.964	ug/L	94
25) Chloroform	7.679	83	187151	24.949	ug/L	98

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QLast Update : Sat Oct 19 00:23:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	116763	23.594	ug/L	100
29) Cyclohexane	7.959	56	141273	23.771	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	155243	23.953	ug/L	98
31) Carbon tetrachloride	8.075	117	136724	23.619	ug/L	97
33) Benzene	8.325	78	390813	24.598	ug/L	100
34) Trichloroethene	9.093	95	103393	23.391	ug/L	98
35) Methylcyclohexane	9.337	83	161972	23.284	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101966	25.696	ug/L	100
38) Bromodichloromethane	9.642	83	132193	25.039	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	147323	24.614	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	92276	48.405	ug/L	98
42) Toluene	10.386	91	432123	25.494	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	122648	24.385	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	69535	24.246	ug/L	95
46) Tetrachloroethene	10.861	164	75728	23.229	ug/L	97
48) 2-Hexanone	10.965	43	66249	42.496	ug/L	98
49) Dibromochloromethane	11.123	129	76866	24.021	ug/L	92
50) 1,2-Dibromoethane	11.233	107	61985	23.163	ug/L	97
51) Chlorobenzene	11.654	112	262209	24.031	ug/L	97
52) Ethylbenzene	11.727	91	494321	25.558	ug/L	96
53) m,p-Xylene	11.837	106	181814	25.092	ug/L	92
54) o-Xylene	12.166	106	169297	25.272	ug/L	90
55) Styrene	12.178	104	298022	26.023	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	77638	24.006	ug/L	97
59) Bromoform	12.349	173	40624	23.754	ug/L	100
60) Isopropylbenzene	12.464	105	481196	25.527	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54091	22.837	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	394810	26.548	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380337	26.121	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	203719	24.829	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	202382	23.888	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	182675	25.301	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11469	21.716	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	133330	24.642	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	106220	24.386	ug/L	99
71) Naphthalene	15.360	128	182172	24.208	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	92063	24.380	ug/L	98

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

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