Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
Data File : VW029433.D
Acq On : 01 Jul 2024 17:40
Operator : SY/MD
Sample : P3125-02MS
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CZ2MS

Quant Time: Jul 02 08:12:38 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	440914	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129455	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	93644	15.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.360%			
7) Chloroethane-d5	2.899	69	83097	16.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.480%			
11) 1,1-Dichloroethene-d2	4.027	65	48433	16.437	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.760%			
21) 2-Butanone-d5	7.075	46	80933	44.326	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.660%			
24) Chloroform-d	7.648	84	259228	19.709	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.840%			
26) 1,2-Dichloroethane-d4	8.307	65	143283	18.974	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.880%			
32) Benzene-d6	8.276	84	468306	21.239	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.960%			
36) 1,2-Dichloropropane-d6	9.270	67	156983	22.398	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.600%			
41) Toluene-d8	10.318	98	400365	20.524	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.080%			
43) trans-1,3-Dichloroprop...	10.575	79	56843	20.125	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.520%			
47) 2-Hexanone-d5	10.922	63	52484	47.768	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119936	21.500	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.000%			
66) 1,2-Dichlorobenzene-d4	13.848	152	96992	21.585	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	71632	16.652	ug/L	99
3) Chloromethane	2.222	50	98867	16.119	ug/L	97
5) Vinyl chloride	2.375	62	123840	17.582	ug/L	97
6) Bromomethane	2.789	94	69155	16.335	ug/L	91
8) Chloroethane	2.936	64	82302	19.103	ug/L	99
9) Trichlorofluoromethane	3.265	101	120633	22.090	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	106821	17.741	ug/L #	91
12) 1,1-Dichloroethene	4.045	96	103392	20.238	ug/L	84
13) Acetone	4.118	43	46932	30.246	ug/L	94
14) Carbon disulfide	4.393	76	270046	16.192	ug/L	99
15) Methyl Acetate	4.673	43	57497	18.666	ug/L	98
16) Methylene chloride	4.917	84	132558	17.098	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115333	20.328	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	220529	24.295	ug/L	98
19) 1,1-Dichloroethane	6.216	63	263979	21.543	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	135497	21.657	ug/L	96
22) 2-Butanone	7.167	43	82611	38.839	ug/L	98
23) Bromochloromethane	7.514	128	57437	20.622	ug/L	94
25) Chloroform	7.673	83	257856	21.550	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	180806	20.488	ug/L	100
29) Cyclohexane	7.959	56	161623	19.476	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	195394	24.206	ug/L	97
31) Carbon tetrachloride	8.069	117	169729	23.018	ug/L	95
33) Benzene	8.325	78	526768	24.151	ug/L	100
34) Trichloroethene	9.087	95	127050	21.833	ug/L	97
35) Methylcyclohexane	9.337	83	133759	14.616	ug/L	98
37) 1,2-Dichloropropane	9.367	63	152563	24.893	ug/L	99
38) Bromodichloromethane	9.642	83	181956	24.282	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	201017	23.202	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	191431	50.394	ug/L	99
42) Toluene	10.386	91	524075	23.373	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	168398	23.020	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	101470	23.772	ug/L	96
46) Tetrachloroethene	10.861	164	77948	19.162	ug/L	89
48) 2-Hexanone	10.965	43	124179	46.069	ug/L	99
49) Dibromochloromethane	11.129	129	107325	24.053	ug/L	99
50) 1,2-Dibromoethane	11.233	107	87888	22.937	ug/L	92
51) Chlorobenzene	11.654	112	310425	21.319	ug/L	99
52) Ethylbenzene	11.727	91	549077	21.572	ug/L	96
53) m,p-Xylene	11.836	106	198044	21.302	ug/L	96
54) o-Xylene	12.160	106	196150	22.575	ug/L	97
55) Styrene	12.178	104	325740	21.501	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	119211	22.578	ug/L	95
59) Bromoform	12.342	173	56599	31.900	ug/L	99
60) Isopropylbenzene	12.458	105	475250	27.552	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	89341	31.641	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	334408	26.769	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	353583	26.306	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	171896	23.028	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	184123	23.183	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	163754	23.729	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18374	27.885	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	79233	15.727	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	60638	14.848	ug/L	98
71) Naphthalene	15.360	128	161164	19.995	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	49512	13.306	ug/L	94

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

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