Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026150.D
Acq On : 08 Jun 2023 22:42
Operator : SY/MD
Sample : 03101-05MSD
Misc : 6.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

Quant Time: Jun 09 01:39:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 09 01:33:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1004487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	864707	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	405131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	276054	19.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.160%			
7) Chloroethane-d5	2.893	69	257476	24.340	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.360%			
11) 1,1-Dichloroethene-d2	4.027	65	147054	21.105	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.400%			
21) 2-Butanone-d5	7.075	46	182944	44.468	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.940%			
24) Chloroform-d	7.648	84	662067	22.508	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.040%			
26) 1,2-Dichloroethane-d4	8.307	65	397500	24.713	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.840%			
32) Benzene-d6	8.270	84	1290443	22.178	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.720%			
36) 1,2-Dichloropropane-d6	9.270	67	431915	23.431	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.720%			
41) Toluene-d8	10.319	98	1121977	21.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.960%			
43) trans-1,3-Dichloroprop...	10.575	79	157867	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.440%			
47) 2-Hexanone-d5	10.922	63	132291	45.514	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.020%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	360857	26.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	13.849	152	328343	21.174	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	226569	18.400	ug/L	90
3) Chloromethane	2.223	50	286629	18.154	ug/L	98
5) Vinyl chloride	2.375	62	322821	19.128	ug/L	100
6) Bromomethane	2.783	94	164333	17.861	ug/L	97
8) Chloroethane	2.936	64	206397	22.631	ug/L	99
9) Trichlorofluoromethane	3.265	101	208756	19.226	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	253065	18.471	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	250083	19.554	ug/L	98
13) Acetone	4.119	43	137593	43.223	ug/L	100
14) Carbon disulfide	4.393	76	562669	12.463	ug/L	99
15) Methyl Acetate	4.667	43	147864	20.696	ug/L	98
16) Methylene chloride	4.917	84	287762	17.949	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	274607	19.137	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	542173	23.974	ug/L	99
19) 1,1-Dichloroethane	6.216	63	594729	20.359	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	316088	20.796	ug/L	99
22) 2-Butanone	7.167	43	243022	53.518	ug/L	93
23) Bromochloromethane	7.514	128	134836	20.801	ug/L	95
25) Chloroform	7.673	83	562744	20.682	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	423778	22.583	ug/L	97
29) Cyclohexane	7.959	56	496137	18.585	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	426058	20.304	ug/L	99
31) Carbon tetrachloride	8.069	117	358546	18.724	ug/L	99
33) Benzene	8.319	78	1207461	20.384	ug/L	100
34) Trichloroethene	9.093	95	298410	19.674	ug/L	97
35) Methylcyclohexane	9.337	83	478709	17.836	ug/L	100
37) 1,2-Dichloropropane	9.368	63	339533	21.162	ug/L	100
38) Bromodichloromethane	9.642	83	391399	20.998	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	468347	19.864	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	491149	51.923	ug/L	99
42) Toluene	10.386	91	1198760	19.786	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	410921	20.920	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	238195	22.526	ug/L	99
46) Tetrachloroethene	10.861	164	193383	18.025	ug/L	99
48) 2-Hexanone	10.965	43	323437	48.494	ug/L	97
49) Dibromochloromethane	11.129	129	242751	21.896	ug/L	98
50) 1,2-Dibromoethane	11.233	107	224173	22.896	ug/L	96
51) Chlorobenzene	11.654	112	743691	19.588	ug/L	98
52) Ethylbenzene	11.727	91	1321745	19.339	ug/L	99
53) m,p-Xylene	11.837	106	486213	19.123	ug/L	99
54) o-Xylene	12.166	106	470845	19.620	ug/L	97
55) Styrene	12.178	104	790774	19.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	304791	23.818	ug/L	97
59) Bromoform	12.349	173	134874	22.165	ug/L	99
60) Isopropylbenzene	12.459	105	1241775	19.512	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	225811	24.883	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1008141	19.926	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	926335	19.991	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	502129	18.765	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	498462	18.502	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	466955	19.432	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	52542	24.990	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	294433	16.018	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	253453	16.710	ug/L	96
71) Naphthalene	15.360	128	625258	23.129	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	217785	16.429	ug/L	98

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

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