Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075827.D
Acq On : 26 Apr 2023 11:24
Operator : KP/SY
Sample : 02419-11REMS
Misc : 4.84G/10.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW925MS

Quant Time: Apr 27 01:24:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 27 01:23:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	142235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	128526	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	53665	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	78738	25.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.920%			
7) Chloroethane-d5	2.805	69	73982	27.442	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.760%			
11) 1,1-Dichloroethene-d2	3.922	65	17295	24.042	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.160%			
21) 2-Butanone-d5	6.987	46	30818	113.771	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 227.540%#			
24) Chloroform-d	7.569	84	105795	29.744	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 118.960%			
26) 1,2-Dichloroethane-d4	8.234	65	59579	39.225	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 156.880%#			
32) Benzene-d6	8.205	84	210920	28.156	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.640%			
36) 1,2-Dichloropropane-d6	9.210	67	65318	31.502	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 126.000%#			
41) Toluene-d8	10.269	98	180048	25.673	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.680%			
43) trans-1,3-Dichloroprop...	10.522	79	31202	36.407	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 145.640%#			
47) 2-Hexanone-d5	10.881	63	25932	103.870	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 207.740%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68148	42.951	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 171.800%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	50051	26.368	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	45856	23.386	ug/L	97
3) Chloromethane	2.146	50	79380	29.041	ug/L	98
5) Vinyl chloride	2.287	62	89244	24.981	ug/L	100
6) Bromomethane	2.699	94	67434	28.092	ug/L	98
8) Chloroethane	2.840	64	62866	27.210	ug/L	92
9) Trichlorofluoromethane	3.181	101	65270	22.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	39464	20.465	ug/L	98
12) 1,1-Dichloroethene	3.946	96	44429	23.757	ug/L	90
13) Acetone	4.022	43	33879	146.150	ug/L	96
14) Carbon disulfide	4.275	76	156234	23.918	ug/L	97
15) Methyl Acetate	4.564	43	30106	59.927	ug/L #	54
16) Methylene chloride	4.805	84	79710	27.625	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	55452	26.443	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	144791	43.044	ug/L	99
19) 1,1-Dichloroethane	6.111	63	92559	30.130	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	65282	29.441	ug/L	98
22) 2-Butanone	7.087	43	37431	123.859	ug/L	96
23) Bromochloromethane	7.422	128	40965	39.836	ug/L	91
25) Chloroform	7.599	83	103684	30.115	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 01:23:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	73997	41.637	ug/L	100
29) Cyclohexane	7.875	56	35883	16.309	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	68818	25.307	ug/L	100
31) Carbon tetrachloride	7.993	117	50274	23.044	ug/L	97
33) Benzene	8.252	78	220988	28.425	ug/L	100
34) Trichloroethene	9.028	95	49137	24.440	ug/L	96
35) Methylcyclohexane	9.275	83	39565	12.764	ug/L	97
37) 1,2-Dichloropropane	9.304	63	56323	31.539	ug/L	98
38) Bromodichloromethane	9.587	83	81083	33.673	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	93893	33.059	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	73135	112.323	ug/L	100
42) Toluene	10.334	91	222040	26.392	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	85134	37.314	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	61583	40.534	ug/L	98
46) Tetrachloroethene	10.810	164	34235	20.761	ug/L	93
48) 2-Hexanone	10.922	43	53689	116.965	ug/L	95
49) Dibromochloromethane	11.075	129	62294	37.663	ug/L	98
50) 1,2-Dibromoethane	11.181	107	59460	43.410	ug/L	92
51) Chlorobenzene	11.610	112	140287	25.489	ug/L	100
52) Ethylbenzene	11.687	91	185396	21.490	ug/L	100
53) m,p-Xylene	11.793	106	77286	22.498	ug/L	95
54) o-Xylene	12.122	106	76472	23.437	ug/L	97
55) Styrene	12.134	104	143474	25.264	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	66937	43.301	ug/L	94
59) Bromoform	12.298	173	39720	48.293	ug/L	98
60) Isopropylbenzene	12.422	105	152729	21.463	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	45149	53.556	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	107371	20.235	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	106350	20.792	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	83614	24.558	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	85591	23.953	ug/L	90
67) 1,2-Dichlorobenzene	13.834	146	79797	26.245	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	8605	51.059	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	34708	15.209	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	30734	16.251	ug/L	95
71) Naphthalene	15.334	128	93567	27.036	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	26733	15.836	ug/L	98

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

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