Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
Data File : VD077605.D
Acq On : 17 Nov 2023 11:28
Operator : JC/SY
Sample : 05437-03MSD
Misc : 5.69G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EY1E2MSD

Quant Time: Nov 18 00:34:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	222655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	215364	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	103565	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	96932	17.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.440%			
7) Chloroethane-d5	2.805	69	90702	20.385	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.520%			
11) 1,1-Dichloroethene-d2	3.917	65	29096	16.613	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.440%			
21) 2-Butanone-d5	6.993	46	68583	69.937	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.880%#			
24) Chloroform-d	7.569	84	150995	23.476	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.920%			
26) 1,2-Dichloroethane-d4	8.234	65	93285	27.266	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.080%			
32) Benzene-d6	8.205	84	276274	19.765	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.080%			
36) 1,2-Dichloropropane-d6	9.210	67	102055	22.415	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.640%			
41) Toluene-d8	10.269	98	243755	19.298	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.200%			
43) trans-1,3-Dichloroprop...	10.528	79	47463	24.177	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.720%			
47) 2-Hexanone-d5	10.875	63	51829	63.634	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.260%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95829	31.767	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 127.080%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	87429	23.730	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	70199	19.577	ug/L	99
3) Chloromethane	2.152	50	108534	21.038	ug/L	99
5) Vinyl chloride	2.287	62	121460	20.859	ug/L	95
6) Bromomethane	2.699	94	71759	23.148	ug/L	94
8) Chloroethane	2.840	64	79707	22.019	ug/L	95
9) Trichlorofluoromethane	3.181	101	112849	21.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	65768	20.168	ug/L	98
12) 1,1-Dichloroethene	3.946	96	62547	19.754	ug/L	98
13) Acetone	4.028	43	93160	90.377	ug/L	99
14) Carbon disulfide	4.269	76	204577	17.943	ug/L	100
15) Methyl Acetate	4.564	43	51837	30.568	ug/L #	82
16) Methylene chloride	4.805	84	113403	30.166	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	68136	20.457	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	220927	28.261	ug/L	99
19) 1,1-Dichloroethane	6.116	63	153836	23.020	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	84100	23.241	ug/L	98
22) 2-Butanone	7.081	43	82678	66.662	ug/L	100
23) Bromochloromethane	7.428	128	40817	28.072	ug/L	92
25) Chloroform	7.599	83	149390	24.335	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	112232	27.579	ug/L		95
29) Cyclohexane	7.887	56	115333	16.494	ug/L		98
30) 1,1,1-Trichloroethane	7.799	97	115816	20.542	ug/L		98
31) Carbon tetrachloride	7.993	117	95877	19.788	ug/L		98
33) Benzene	8.252	78	313454	20.988	ug/L		100
34) Trichloroethene	9.034	95	75473	20.394	ug/L		95
35) Methylcyclohexane	9.275	83	109543	16.403	ug/L		98
37) 1,2-Dichloropropane	9.304	63	95615	23.030	ug/L		99
38) Bromodichloromethane	9.587	83	114664	24.077	ug/L	#	95
39) cis-1,3-Dichloropropene	10.016	75	153158	24.006	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	142036	56.138	ug/L		99
42) Toluene	10.334	91	329282	21.000	ug/L		100
44) trans-1,3-Dichloropropene	10.551	75	136697	25.930	ug/L		97
45) 1,1,2-Trichloroethane	10.734	97	71632	28.225	ug/L		97
46) Tetrachloroethene	10.810	164	53120	19.509	ug/L		98
48) 2-Hexanone	10.922	43	111031	55.364	ug/L		99
49) Dibromochloromethane	11.075	129	76254	26.451	ug/L		100
50) 1,2-Dibromoethane	11.181	107	67152	27.669	ug/L		92
51) Chlorobenzene	11.604	112	204046	22.212	ug/L		98
52) Ethylbenzene	11.687	91	353675	20.499	ug/L		96
53) m,p-Xylene	11.793	106	131365	20.924	ug/L		94
54) o-Xylene	12.122	106	128892	21.435	ug/L		100
55) Styrene	12.134	104	237480	22.619	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	88011	29.438	ug/L		97
59) Bromoform	12.298	173	50191	28.425	ug/L	#	98
60) Isopropylbenzene	12.422	105	334709	19.980	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	61736	27.985	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	255798	20.120	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	265474	20.613	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	147249	21.426	ug/L		98
65) 1,4-Dichlorobenzene	13.540	146	153307	22.104	ug/L		99
67) 1,2-Dichlorobenzene	13.834	146	139801	23.009	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.445	75	13332	27.784	ug/L		90
69) 1,3,5-Trichlorobenzene	14.592	180	89813	19.193	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	76129	19.303	ug/L		99
71) Naphthalene	15.334	128	183120	24.637	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	68287	20.307	ug/L		99

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

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