Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077678.D
Acq On : 22 Nov 2023 19:04
Operator : JC/SY
Sample : 05438-08MSD
Misc : 5.07G/10ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EY1G7MSD

Quant Time: Nov 23 00:33:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	215451	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	204709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	109102	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	180758	32.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 131.920%			
7) Chloroethane-d5	2.804	69	151783	35.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 141.000%			
11) 1,1-Dichloroethene-d2	3.916	65	50369	29.721	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 118.880%#			
21) 2-Butanone-d5	6.987	46	58029	61.153	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.300%			
24) Chloroform-d	7.569	84	201359	32.353	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 129.400%			
26) 1,2-Dichloroethane-d4	8.228	65	111688	33.737	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 134.960%#			
32) Benzene-d6	8.204	84	414546	31.201	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 124.800%			
36) 1,2-Dichloropropane-d6	9.210	67	129787	29.990	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.960%			
41) Toluene-d8	10.269	98	378708	31.543	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 126.160%			
43) trans-1,3-Dichloroprop...	10.528	79	56339	30.193	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 120.760%			
47) 2-Hexanone-d5	10.875	63	49554	64.008	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.020%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97713	34.078	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 136.320%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	119821	30.871	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.480%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	71620	20.641	ug/L	100
3) Chloromethane	2.151	50	109702	21.976	ug/L	95
5) Vinyl chloride	2.287	62	132258	23.473	ug/L	99
6) Bromomethane	2.699	94	73383	24.463	ug/L	94
8) Chloroethane	2.840	64	87990	25.120	ug/L	89
9) Trichlorofluoromethane	3.175	101	124605	24.301	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	77002	24.403	ug/L	99
12) 1,1-Dichloroethene	3.940	96	71009	23.176	ug/L #	77
13) Acetone	4.028	43	48141	48.265	ug/L	100
14) Carbon disulfide	4.269	76	199581	18.091	ug/L	100
15) Methyl Acetate	4.569	43	41110	25.053	ug/L	97
16) Methylene chloride	4.804	84	97670	26.850	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	72378	22.457	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	193899	25.633	ug/L	98
19) 1,1-Dichloroethane	6.110	63	157754	24.396	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	86952	24.833	ug/L	99
22) 2-Butanone	7.081	43	58374	48.640	ug/L	99
23) Bromochloromethane	7.428	128	38162	27.124	ug/L	90
25) Chloroform	7.598	83	155472	26.172	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	104420	26.517	ug/L		95
29) Cyclohexane	7.875	56	122719	18.463	ug/L		95
30) 1,1,1-Trichloroethane	7.798	97	125192	23.361	ug/L		98
31) Carbon tetrachloride	7.992	117	110994	24.100	ug/L		100
33) Benzene	8.251	78	334189	23.542	ug/L		100
34) Trichloroethene	9.028	95	81564	23.188	ug/L		95
35) Methylcyclohexane	9.275	83	130236	20.517	ug/L		96
37) 1,2-Dichloropropane	9.304	63	94979	24.067	ug/L		100
38) Bromodichloromethane	9.586	83	116146	25.658	ug/L		94
39) cis-1,3-Dichloropropene	10.016	75	146581	24.171	ug/L		99
40) 4-Methyl-2-pentanone	10.157	43	118103	49.109	ug/L		99
42) Toluene	10.333	91	356981	23.952	ug/L		100
44) trans-1,3-Dichloropropene	10.551	75	128161	25.576	ug/L		98
45) 1,1,2-Trichloroethane	10.733	97	67536	27.996	ug/L		97
46) Tetrachloroethene	10.810	164	62549	24.167	ug/L		98
48) 2-Hexanone	10.922	43	88713	46.538	ug/L		97
49) Dibromochloromethane	11.075	129	74371	27.141	ug/L		97
50) 1,2-Dibromoethane	11.180	107	59595	25.834	ug/L	#	92
51) Chlorobenzene	11.610	112	220311	25.231	ug/L		98
52) Ethylbenzene	11.686	91	399202	24.342	ug/L		98
53) m,p-Xylene	11.792	106	148305	24.851	ug/L		99
54) o-Xylene	12.122	106	144124	25.216	ug/L		93
55) Styrene	12.133	104	262534	26.307	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.674	83	80899	28.468	ug/L		95
59) Bromoform	12.298	173	48723	26.193	ug/L		100
60) Isopropylbenzene	12.422	105	399844	22.657	ug/L		99
61) 1,2,3-Trichloropropane	12.727	75	57052	24.549	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	303397	22.652	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	310595	22.893	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	174358	24.083	ug/L		99
65) 1,4-Dichlorobenzene	13.539	146	180001	24.636	ug/L		99
67) 1,2-Dichlorobenzene	13.833	146	160823	25.125	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.445	75	12616	24.957	ug/L		88
69) 1,3,5-Trichlorobenzene	14.592	180	116981	23.730	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	97735	23.524	ug/L		99
71) Naphthalene	15.333	128	193345	24.693	ug/L		100
72) 1,2,3-Trichlorobenzene	15.521	180	90149	25.448	ug/L		99

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

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