Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
Data File : VD075906.D
Acq On : 29 Apr 2023 00:20
Operator : KP/SY
Sample : 02525-14MS
Misc : 5.72G/10.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

Quant Time: Apr 29 05:16:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 29 05:12:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	135694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	142291	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	70031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	66680	22.400	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.600%			
7) Chloroethane-d5	2.805	69	62608	24.342	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.360%			
11) 1,1-Dichloroethene-d2	3.916	65	14462	21.073	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.280%			
21) 2-Butanone-d5	6.987	46	28915	111.891	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 223.780%#			
24) Chloroform-d	7.569	84	95666	28.193	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.760%			
26) 1,2-Dichloroethane-d4	8.228	65	52742	36.397	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 145.600%#			
32) Benzene-d6	8.204	84	188247	22.699	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	9.210	67	59313	25.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.360%			
41) Toluene-d8	10.269	98	173388	22.332	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.320%			
43) trans-1,3-Dichloroprop...	10.528	79	27226	28.694	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.760%			
47) 2-Hexanone-d5	10.881	63	24988	90.407	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 180.820%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	73190	41.666	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 166.680%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	64435	26.012	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	40680	21.747	ug/L	100
3) Chloromethane	2.146	50	73131	28.044	ug/L	99
5) Vinyl chloride	2.287	62	79002	23.180	ug/L	94
6) Bromomethane	2.693	94	55356	24.172	ug/L	94
8) Chloroethane	2.834	64	56095	25.449	ug/L	95
9) Trichlorofluoromethane	3.175	101	60723	22.174	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	37381	20.319	ug/L #	82
12) 1,1-Dichloroethene	3.940	96	40335	22.607	ug/L	83
13) Acetone	4.016	43	27069	122.402	ug/L	98
14) Carbon disulfide	4.275	76	145575	23.360	ug/L	96
15) Methyl Acetate	4.563	43	26157	54.576	ug/L #	57
16) Methylene chloride	4.805	84	67246	24.429	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	49585	24.785	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	115226	35.906	ug/L	100
19) 1,1-Dichloroethane	6.110	63	83213	28.393	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	58730	27.763	ug/L	89
22) 2-Butanone	7.075	43	30296	105.082	ug/L	95
23) Bromochloromethane	7.428	128	34342	35.005	ug/L	92
25) Chloroform	7.599	83	96455	29.366	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Sat Apr 29 05:12:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	64324	37.939	ug/L	99
29) Cyclohexane	7.881	56	40237	16.518	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	64147	21.307	ug/L	97
31) Carbon tetrachloride	7.993	117	48243	19.974	ug/L	99
33) Benzene	8.251	78	203601	23.655	ug/L	100
34) Trichloroethene	9.028	95	47566	21.370	ug/L	91
35) Methylcyclohexane	9.275	83	51609	15.039	ug/L	98
37) 1,2-Dichloropropane	9.304	63	54719	27.676	ug/L	99
38) Bromodichloromethane	9.587	83	75189	28.205	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	80327	25.547	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	64288	89.184	ug/L	97
42) Toluene	10.334	91	223881	24.037	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	77728	30.772	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	57010	33.894	ug/L	97
46) Tetrachloroethene	10.810	164	38401	21.034	ug/L	92
48) 2-Hexanone	10.922	43	45180	88.906	ug/L	96
49) Dibromochloromethane	11.075	129	58902	32.167	ug/L	91
50) 1,2-Dibromoethane	11.181	107	56316	37.137	ug/L	96
51) Chlorobenzene	11.610	112	150767	24.743	ug/L	96
52) Ethylbenzene	11.687	91	205577	21.524	ug/L	98
53) m,p-Xylene	11.792	106	83801	22.035	ug/L	99
54) o-Xylene	12.122	106	84404	23.366	ug/L	99
55) Styrene	12.139	104	161369	25.667	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	70018	40.913	ug/L	98
59) Bromoform	12.304	173	40078	37.341	ug/L	98
60) Isopropylbenzene	12.422	105	186739	20.110	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	45834	41.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	137455	19.851	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	142015	21.276	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	107279	24.145	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	112893	24.210	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	104958	26.453	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	9677	44.001	ug/L	86
69) 1,3,5-Trichlorobenzene	14.598	180	58380	19.604	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	50731	20.556	ug/L	99
71) Naphthalene	15.333	128	140826	31.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	53469	24.272	ug/L	98

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

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