Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
Data File : VD077766.D
Acq On : 06 Dec 2023 17:14
Operator : JC/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025228

Quant Time: Dec 07 00:33:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	284779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	267338	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	127608	16.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.720%			
7) Chloroethane-d5	2.811	69	117246	18.941	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.760%			
11) 1,1-Dichloroethene-d2	3.928	65	35960	17.858	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.440%			
21) 2-Butanone-d5	6.987	46	38490	39.215	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.420%			
24) Chloroform-d	7.575	84	177078	23.071	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.280%			
26) 1,2-Dichloroethane-d4	8.234	65	83076	21.363	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.440%			
32) Benzene-d6	8.205	84	346903	21.546	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.200%			
36) 1,2-Dichloropropane-d6	9.216	67	102963	20.959	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.840%			
41) Toluene-d8	10.269	98	322097	21.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.920%			
43) trans-1,3-Dichloroprop...	10.528	79	46216	21.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.080%			
47) 2-Hexanone-d5	10.875	63	34731	41.027	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.060%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80978	22.811	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.240%			
66) 1,2-Dichlorobenzene-d4	13.816	152	110015	23.107	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	99956	21.987	ug/L	100
3) Chloromethane	2.152	50	123189	18.861	ug/L	99
5) Vinyl chloride	2.287	62	168496	20.711	ug/L	95
6) Bromomethane	2.699	94	76420	17.732	ug/L	100
8) Chloroethane	2.846	64	111323	21.922	ug/L	98
9) Trichlorofluoromethane	3.187	101	157754	22.736	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	100116	24.459	ug/L	97
12) 1,1-Dichloroethene	3.946	96	89910	23.210	ug/L	85
13) Acetone	4.028	43	46410	36.905	ug/L	95
14) Carbon disulfide	4.275	76	300218	21.869	ug/L	99
15) Methyl Acetate	4.569	43	34068	18.924	ug/L	96
16) Methylene chloride	4.805	84	105178	20.800	ug/L	97
17) trans-1,2-Dichloroethene	5.322	96	94581	23.417	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	188674	21.191	ug/L	99
19) 1,1-Dichloroethane	6.116	63	174275	22.894	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	105179	23.434	ug/L	95
22) 2-Butanone	7.087	43	54068	38.200	ug/L #	61
23) Bromochloromethane	7.428	128	44931	24.046	ug/L	85
25) Chloroform	7.599	83	175149	23.371	ug/L	93

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Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	106402	22.698	ug/L		97
29) Cyclohexane	7.881	56	150235	21.296	ug/L		92
30) 1,1,1-Trichloroethane	7.799	97	155218	23.728	ug/L		99
31) Carbon tetrachloride	7.993	117	138216	24.026	ug/L		98
33) Benzene	8.258	78	398941	22.927	ug/L		100
34) Trichloroethene	9.034	95	102661	23.768	ug/L		99
35) Methylcyclohexane	9.275	83	171721	22.394	ug/L		96
37) 1,2-Dichloropropane	9.305	63	101453	22.362	ug/L		99
38) Bromodichloromethane	9.587	83	127501	23.111	ug/L		100
39) cis-1,3-Dichloropropene	10.022	75	157647	22.251	ug/L		99
40) 4-Methyl-2-pentanone	10.163	43	94415	37.713	ug/L		95
42) Toluene	10.334	91	432825	23.419	ug/L		99
44) trans-1,3-Dichloropropene	10.557	75	133372	22.538	ug/L		99
45) 1,1,2-Trichloroethane	10.734	97	72230	23.706	ug/L		98
46) Tetrachloroethene	10.810	164	82274	23.622	ug/L		98
48) 2-Hexanone	10.922	43	77647	36.489	ug/L		95
49) Dibromochloromethane	11.075	129	81040	22.369	ug/L		93
50) 1,2-Dibromoethane	11.181	107	67443	22.952	ug/L		97
51) Chlorobenzene	11.610	112	272575	23.784	ug/L		96
52) Ethylbenzene	11.687	91	482172	23.534	ug/L		100
53) m,p-Xylene	11.793	106	182662	23.595	ug/L		99
54) o-Xylene	12.122	106	175353	23.668	ug/L		92
55) Styrene	12.140	104	308123	23.767	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.675	83	79589	22.045	ug/L		98
59) Bromoform	12.298	173	50949	23.137	ug/L	#	99
60) Isopropylbenzene	12.422	105	479056	24.116	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	53113	21.696	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	354190	23.739	ug/L		98
63) 1,2,4-Trimethylbenzene	13.216	105	368502	24.359	ug/L		99
64) 1,3-Dichlorobenzene	13.463	146	205880	23.965	ug/L		97
65) 1,4-Dichlorobenzene	13.540	146	211883	23.768	ug/L		98
67) 1,2-Dichlorobenzene	13.834	146	186337	24.104	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.451	75	10406	18.027	ug/L		90
69) 1,3,5-Trichlorobenzene	14.598	180	139045	23.769	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	111256	22.403	ug/L		99
71) Naphthalene	15.334	128	195895	21.576	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	97411	22.375	ug/L		98

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

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