Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
Data File : VD079811.D
Acq On : 10 Sep 2024 12:56
Operator : RP/MD
Sample : VSTD05040
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050840

Quant Time: Sep 11 05:55:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 05:52:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	203539	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	200602	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95813	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.270	65	431577	48.762	ug/L		0.00
7) Chloroethane-d5	2.799	69	331222	47.268	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.917	65	80648	50.188	ug/L		0.00
21) 2-Butanone-d5	6.987	46	82273	100.050	ug/L		0.00
24) Chloroform-d	7.563	84	322895	48.261	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	171842	49.117	ug/L		0.00
32) Benzene-d6	8.199	84	707471	49.954	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	213498	49.221	ug/L		0.00
41) Toluene-d8	10.269	98	649078	52.083	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	93764	50.280	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	76238	107.823	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	155839	48.893	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	178292	49.343	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	199284	51.347	ug/L		100
3) Chloromethane	2.146	50	338348	49.732	ug/L		98
5) Vinyl chloride	2.281	62	415946	49.892	ug/L		99
6) Bromomethane	2.693	94	214448	51.413	ug/L		100
8) Chloroethane	2.834	64	259282	47.074	ug/L		98
9) Trichlorofluoromethane	3.170	101	283945	47.369	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	159827	48.170	ug/L		99
12) 1,1-Dichloroethene	3.940	96	155455	50.303	ug/L		87
13) Acetone	4.022	43	110920	110.638	ug/L		97
14) Carbon disulfide	4.264	76	465650	46.322	ug/L		100
15) Methyl Acetate	4.569	43	77610	48.598	ug/L	#	78
16) Methylene chloride	4.799	84	179122	44.537	ug/L		97
17) trans-1,2-Dichloroethene	5.316	96	162498	49.313	ug/L		95
18) Methyl tert-butyl Ether	5.316	73	399095	53.839	ug/L		99
19) 1,1-Dichloroethane	6.116	63	319508	48.815	ug/L		98
20) cis-1,2-Dichloroethene	7.075	96	185160	51.034	ug/L		96
22) 2-Butanone	7.081	43	128044	108.878	ug/L		97
23) Bromochloromethane	7.428	128	75318	48.912	ug/L		97
25) Chloroform	7.593	83	324499	47.628	ug/L		91
27) 1,2-Dichloroethane	8.328	62	199562	47.923	ug/L		99
29) Cyclohexane	7.875	56	262777	52.959	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	264348	48.344	ug/L		98
31) Carbon tetrachloride	7.987	117	234135	48.328	ug/L		100
33) Benzene	8.252	78	747534	50.045	ug/L		100
34) Trichloroethene	9.028	95	167948	48.571	ug/L		97
35) Methylcyclohexane	9.275	83	291429	52.322	ug/L		99
37) 1,2-Dichloropropane	9.305	63	205378	50.417	ug/L	#	100
38) Bromodichloromethane	9.581	83	231761	48.827	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	307197	53.702	ug/L		97
40) 4-Methyl-2-pentanone	10.157	43	228902	107.344	ug/L		99
42) Toluene	10.334	91	810064	51.484	ug/L		100
44) trans-1,3-Dichloropropene	10.552	75	269361	53.431	ug/L		100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	138818	49.878	ug/L	96
46) Tetrachloroethene	10.804	164	115304	49.208	ug/L	98
48) 2-Hexanone	10.916	43	192365	110.903	ug/L	98
49) Dibromochloromethane	11.069	129	147731	48.631	ug/L	97
50) 1,2-Dibromoethane	11.175	107	118011	49.093	ug/L	95
51) Chlorobenzene	11.604	112	464427	49.185	ug/L	98
52) Ethylbenzene	11.681	91	854658	51.707	ug/L	98
53) m,p-Xylene	11.793	106	322594	51.528	ug/L	94
54) o-Xylene	12.116	106	319959	52.124	ug/L	98
55) Styrene	12.134	104	574883	53.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	162299	49.750	ug/L	99
59) Bromoform	12.293	173	82127	49.654	ug/L	98
60) Isopropylbenzene	12.416	105	854754	51.671	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	112937	47.954	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	679000	56.126	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	677390	53.393	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	339992	49.735	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	347152	48.415	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	308526	49.933	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	24072	49.955	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	208100	50.204	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	177848	50.960	ug/L	99
71) Naphthalene	15.328	128	415815	53.345	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	165719	53.085	ug/L	99

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

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