Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
Data File : VD077213.D
Acq On : 25 Sep 2023 11:22
Operator : JC/SY
Sample : VSTD02572
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

Quant Time: Sep 25 22:53:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	288005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293915	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	165278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145402	22.068	ug/L	0.00
7) Chloroethane-d5	2.799	69	138608	24.859	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	40614	26.106	ug/L	0.00
21) 2-Butanone-d5	6.987	46	65043	68.458	ug/L	0.00
24) Chloroform-d	7.569	84	237759	29.783	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	115844	30.543	ug/L	0.00
32) Benzene-d6	8.204	84	453132	28.197	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	143692	30.358	ug/L	0.00
41) Toluene-d8	10.269	98	401692	27.583	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	55794	26.955	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	50492	65.542	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	137725	32.063	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	141177	26.869	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	91163	25.257	ug/L	100
3) Chloromethane	2.146	50	132452	21.686	ug/L	100
5) Vinyl chloride	2.281	62	168016	23.832	ug/L	100
6) Bromomethane	2.693	94	112769	23.039	ug/L	100
8) Chloroethane	2.834	64	124849	26.298	ug/L	100
9) Trichlorofluoromethane	3.175	101	174990	25.478	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	117336	27.720	ug/L	100
12) 1,1-Dichloroethene	3.940	96	101996	26.695	ug/L	100
13) Acetone	4.016	43	78323	58.597	ug/L	100
14) Carbon disulfide	4.269	76	289099	24.003	ug/L	100
15) Methyl Acetate	4.563	43	58070	32.048	ug/L	100
16) Methylene chloride	4.799	84	137552	23.360	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	119741	28.270	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	282826	30.248	ug/L	100
19) 1,1-Dichloroethane	6.110	63	222630	30.482	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	146200	29.752	ug/L	100
22) 2-Butanone	7.081	43	91309	57.137	ug/L	100
23) Bromochloromethane	7.428	128	69210	29.487	ug/L	100
25) Chloroform	7.599	83	244285	30.069	ug/L	100
27) 1,2-Dichloroethane	8.322	62	148026	30.345	ug/L	100
29) Cyclohexane	7.881	56	139434	26.051	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	199321	28.797	ug/L	100
31) Carbon tetrachloride	7.993	117	163412	28.216	ug/L	100
33) Benzene	8.252	78	523431	29.325	ug/L	100
34) Trichloroethene	9.028	95	127164	27.147	ug/L	100
35) Methylcyclohexane	9.275	83	180562	25.772	ug/L	100
37) 1,2-Dichloropropane	9.304	63	142429	30.936	ug/L	100
38) Bromodichloromethane	9.587	83	187710	29.851	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	217457	30.200	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	171049	66.612	ug/L	100
42) Toluene	10.334	91	573528	29.634	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	188737	30.539	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	122410	31.229	ug/L	100
46) Tetrachloroethene	10.810	164	101442	26.634	ug/L	100
48) 2-Hexanone	10.922	43	134857	67.869	ug/L	100
49) Dibromochloromethane	11.075	129	135733	30.060	ug/L	100
50) 1,2-Dibromoethane	11.181	107	112447	29.686	ug/L	100
51) Chlorobenzene	11.610	112	375306	29.053	ug/L	100
52) Ethylbenzene	11.687	91	612055	29.322	ug/L	100
53) m,p-Xylene	11.798	106	238686	29.604	ug/L	100
54) o-Xylene	12.122	106	228215	29.367	ug/L	100
55) Styrene	12.134	104	430967	30.788	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	146719	31.849	ug/L	100
59) Bromoform	12.298	173	87582	28.981	ug/L	100
60) Isopropylbenzene	12.422	105	610872	28.582	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	98055	30.088	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	476775	28.855	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	479755	29.511	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	289852	28.256	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	303079	28.136	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	269221	28.440	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	21231	31.353	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	188911	27.840	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	159380	27.550	ug/L	100
71) Naphthalene	15.334	128	340282	29.255	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	151803	28.322	ug/L	100

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

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