Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
Data File : VD077214.D
Acq On : 25 Sep 2023 11:49
Operator : JC/SY
Sample : VSTD05073
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050173

Quant Time: Sep 25 22:53:36 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	299581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	310281	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	174676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	275026	40.129	ug/L	0.00
7) Chloroethane-d5	2.799	69	170852	29.458	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	83177	51.400	ug/L	0.00
21) 2-Butanone-d5	6.981	46	126641	128.140	ug/L	0.00
24) Chloroform-d	7.569	84	486021	58.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	231638	58.713	ug/L	0.00
32) Benzene-d6	8.204	84	944081	55.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	287238	57.485	ug/L	0.00
41) Toluene-d8	10.269	98	861173	56.014	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	118676	54.311	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	102984	126.630	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	272642	60.124	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	299123	53.866	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	184654	49.183	ug/L	99
3) Chloromethane	2.146	50	285892	45.000	ug/L	100
5) Vinyl chloride	2.281	62	320494	43.704	ug/L	98
6) Bromomethane	2.687	94	246190	48.354	ug/L	99
8) Chloroethane	2.834	64	153549	31.094	ug/L	99
9) Trichlorofluoromethane	3.175	101	361623	50.617	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	243116	55.216	ug/L	98
12) 1,1-Dichloroethene	3.940	96	215669	54.264	ug/L	98
13) Acetone	4.016	43	144711	104.081	ug/L	99
14) Carbon disulfide	4.269	76	582202	46.471	ug/L	99
15) Methyl Acetate	4.558	43	112476	59.675	ug/L	100
16) Methylene chloride	4.799	84	278881	45.530	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	249631	56.659	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	607199	62.430	ug/L	99
19) 1,1-Dichloroethane	6.110	63	456232	60.053	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	305147	59.698	ug/L	95
22) 2-Butanone	7.081	43	179460	107.959	ug/L	99
23) Bromochloromethane	7.422	128	140294	57.462	ug/L	87
25) Chloroform	7.599	83	506920	59.986	ug/L	100
27) 1,2-Dichloroethane	8.328	62	294539	58.047	ug/L	98
29) Cyclohexane	7.881	56	309953	54.855	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	405547	55.502	ug/L	100
31) Carbon tetrachloride	7.993	117	333840	54.603	ug/L	98
33) Benzene	8.252	78	1098546	58.299	ug/L	100
34) Trichloroethene	9.028	95	266334	53.858	ug/L	99
35) Methylcyclohexane	9.275	83	388878	52.577	ug/L	99
37) 1,2-Dichloropropane	9.304	63	287863	59.227	ug/L	98
38) Bromodichloromethane	9.587	83	380249	57.281	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	459971	60.510	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	341748	126.068	ug/L	99
42) Toluene	10.334	91	1219915	59.708	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	401914	61.603	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	240750	58.180	ug/L	96
46)	Tetrachloroethene	10.810	164	209002	51.981	ug/L	95
48)	2-Hexanone	10.922	43	269641	128.543	ug/L	99
49)	Dibromochloromethane	11.075	129	278070	58.334	ug/L	99
50)	1,2-Dibromoethane	11.181	107	229459	57.383	ug/L	94
51)	Chlorobenzene	11.610	112	784410	57.519	ug/L	97
52)	Ethylbenzene	11.687	91	1331885	60.442	ug/L	97
53)	m,p-Xylene	11.793	106	517335	60.781	ug/L	95
54)	o-Xylene	12.122	106	507600	61.872	ug/L	98
55)	Styrene	12.134	104	927596	62.772	ug/L	100
57)	1,1,2,2-Tetrachloroethane	12.675	83	289611	59.551	ug/L	95
59)	Bromoform	12.298	173	176780	55.350	ug/L	100
60)	Isopropylbenzene	12.422	105	1337029	59.193	ug/L	100
61)	1,2,3-Trichloropropane	12.728	75	191302	55.542	ug/L	100
62)	1,3,5-Trimethylbenzene	12.904	105	1049141	60.079	ug/L	99
63)	1,2,4-Trimethylbenzene	13.216	105	1053146	61.297	ug/L	100
64)	1,3-Dichlorobenzene	13.457	146	612594	56.506	ug/L	99
65)	1,4-Dichlorobenzene	13.540	146	629684	55.310	ug/L	100
67)	1,2-Dichlorobenzene	13.828	146	562883	56.263	ug/L	99
68)	1,2-Dibromo-3-chloropr...	14.445	75	39673	55.435	ug/L	93
69)	1,3,5-Trichlorobenzene	14.592	180	403492	56.264	ug/L	97
70)	1,2,4-trichlorobenzene	15.098	180	355573	58.157	ug/L	99
71)	Naphthalene	15.334	128	748015	60.849	ug/L	100
72)	1,2,3-Trichlorobenzene	15.522	180	329346	58.141	ug/L	99

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

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