Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
Data File : VD076435.D
Acq On : 15 Jun 2023 12:38
Operator : KP/SY
Sample : VSTD10056
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

Quant Time: Jun 16 01:16:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:13:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	262519	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	237509	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	114624	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.269	65	672968	105.265	ug/L		0.00
7) Chloroethane-d5	2.793	69	511864	98.907	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.916	65	178195	106.781	ug/L		0.00
21) 2-Butanone-d5	6.981	46	205059	198.079	ug/L		0.00
24) Chloroform-d	7.569	84	711606	102.888	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	360637	105.697	ug/L		0.00
32) Benzene-d6	8.199	84	1516917	104.407	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	476617	102.773	ug/L		0.00
41) Toluene-d8	10.269	98	1430672	106.347	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	205225	106.393	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	152000	211.144	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	344211	104.326	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	451053	107.356	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	419205	102.478	ug/L		100
3) Chloromethane	2.146	50	663938	97.633	ug/L		100
5) Vinyl chloride	2.281	62	759107	103.476	ug/L		96
6) Bromomethane	2.681	94	442335	108.861	ug/L		96
8) Chloroethane	2.828	64	451273	100.424	ug/L		100
9) Trichlorofluoromethane	3.169	101	546755	103.078	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	355320	103.272	ug/L		99
12) 1,1-Dichloroethene	3.934	96	351695	102.828	ug/L		93
13) Acetone	4.022	43	134344	171.266	ug/L		97
14) Carbon disulfide	4.263	76	1267206	102.606	ug/L		99
15) Methyl Acetate	4.563	43	180826	95.863	ug/L		96
16) Methylene chloride	4.799	84	384464	84.136	ug/L		98
17) trans-1,2-Dichloroethene	5.305	96	388540	101.893	ug/L		98
18) Methyl tert-butyl Ether	5.316	73	891163	103.052	ug/L	#	91
19) 1,1-Dichloroethane	6.110	63	704690	101.474	ug/L		97
20) cis-1,2-Dichloroethene	7.075	96	429462	100.890	ug/L		94
22) 2-Butanone	7.081	43	232450	174.022	ug/L		98
23) Bromochloromethane	7.428	128	189439	105.219	ug/L		93
25) Chloroform	7.593	83	688312	101.560	ug/L		100
27) 1,2-Dichloroethane	8.328	62	422269	101.314	ug/L		98
29) Cyclohexane	7.875	56	639985	101.330	ug/L		97
30) 1,1,1-Trichloroethane	7.793	97	569055	103.135	ug/L		99
31) Carbon tetrachloride	7.993	117	476241	107.926	ug/L		98
33) Benzene	8.251	78	1616069	102.808	ug/L		100
34) Trichloroethene	9.028	95	410192	101.583	ug/L		97
35) Methylcyclohexane	9.275	83	683090	104.903	ug/L		100
37) 1,2-Dichloropropane	9.304	63	435440	101.605	ug/L		100
38) Bromodichloromethane	9.587	83	508014	103.931	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	685002	104.676	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	538493	201.982	ug/L		99
42) Toluene	10.334	91	1759996	104.773	ug/L		99
44) trans-1,3-Dichloropropene	10.557	75	562959	105.836	ug/L		99

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:13:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	299043	101.731	ug/L		96
46) Tetrachloroethene	10.810	164	321071	101.141	ug/L		96
48) 2-Hexanone	10.922	43	381757	209.078	ug/L		99
49) Dibromochloromethane	11.075	129	348227	104.240	ug/L		95
50) 1,2-Dibromoethane	11.181	107	287857	100.893	ug/L		88
51) Chlorobenzene	11.610	112	1094822	104.393	ug/L		98
52) Ethylbenzene	11.687	91	1913903	105.706	ug/L		100
53) m,p-Xylene	11.792	106	731697	102.833	ug/L		97
54) o-Xylene	12.122	106	726644	107.255	ug/L		94
55) Styrene	12.134	104	1260160	107.661	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	345785	102.929	ug/L		96
59) Bromoform	12.298	173	213046	103.825	ug/L	#	98
60) Isopropylbenzene	12.422	105	1868772	106.591	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	225985	101.588	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	1492091	106.372	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	1467506	106.019	ug/L		100
64) 1,3-Dichlorobenzene	13.463	146	813060	104.241	ug/L		97
65) 1,4-Dichlorobenzene	13.539	146	811755	103.246	ug/L		99
67) 1,2-Dichlorobenzene	13.834	146	730205	105.088	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.451	75	47665	96.232	ug/L		91
69) 1,3,5-Trichlorobenzene	14.592	180	558652	107.380	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	485392	104.858	ug/L		99
71) Naphthalene	15.333	128	933266	105.303	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	413016	102.744	ug/L		97

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

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