Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
Data File : VD079058.D
Acq On : 29 May 2024 11:11
Operator : RP/MD
Sample : VSTD10005
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100805

Quant Time: May 30 00:42:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 30 00:39:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	221496	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	224561	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123387	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	661372	113.357	ug/L		0.00
7) Chloroethane-d5	2.799	69	646377	106.484	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.916	65	130997	117.094	ug/L		0.00
21) 2-Butanone-d5	6.987	46	106947	144.539	ug/L		0.00
24) Chloroform-d	7.569	84	593283	88.656	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	278665	88.410	ug/L		0.00
32) Benzene-d6	8.204	84	1291430	108.596	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	330235	92.226	ug/L		0.00
41) Toluene-d8	10.269	98	1267713	114.085	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	158339	96.551	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	109218	162.033	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	296664	76.038	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	437457	101.830	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	345557	78.899	ug/L		99
3) Chloromethane	2.146	50	422799	77.427	ug/L		96
5) Vinyl chloride	2.281	62	745035	83.381	ug/L		97
6) Bromomethane	2.681	94	612189	93.468	ug/L		96
8) Chloroethane	2.834	64	551575	80.966	ug/L		95
9) Trichlorofluoromethane	3.175	101	542366	75.727	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	355414	81.661	ug/L		99
12) 1,1-Dichloroethene	3.934	96	337960	88.501	ug/L		91
13) Acetone	4.016	43	170161	183.418	ug/L		99
14) Carbon disulfide	4.269	76	1063280	91.885	ug/L		99
15) Methyl Acetate	4.558	43	98114	68.000	ug/L		93
16) Methylene chloride	4.799	84	338985	65.793	ug/L		93
17) trans-1,2-Dichloroethene	5.310	96	359101	92.148	ug/L		91
18) Methyl tert-butyl Ether	5.316	73	690328	86.226	ug/L	#	90
19) 1,1-Dichloroethane	6.110	63	519095	81.200	ug/L		97
20) cis-1,2-Dichloroethene	7.081	96	390118	89.808	ug/L		98
22) 2-Butanone	7.081	43	194879	190.063	ug/L		98
23) Bromochloromethane	7.428	128	175362	80.587	ug/L		97
25) Chloroform	7.593	83	601759	78.633	ug/L		94
27) 1,2-Dichloroethane	8.322	62	353816	79.610	ug/L		96
29) Cyclohexane	7.875	56	478886	109.037	ug/L		99
30) 1,1,1-Trichloroethane	7.793	97	520995	85.009	ug/L		99
31) Carbon tetrachloride	7.993	117	495632	87.751	ug/L		96
33) Benzene	8.252	78	1428397	93.530	ug/L		100
34) Trichloroethene	9.028	95	360485	91.458	ug/L		98
35) Methylcyclohexane	9.275	83	665559	109.234	ug/L		98
37) 1,2-Dichloropropane	9.304	63	326424	85.249	ug/L		99
38) Bromodichloromethane	9.581	83	441565	82.258	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	573169	95.540	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	303719	160.685	ug/L		92
42) Toluene	10.334	91	1642416	97.326	ug/L		97
44) trans-1,3-Dichloropropene	10.551	75	486386	92.005	ug/L		95

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	282763	81.930	ug/L	97
46) Tetrachloroethene	10.810	164	323485	94.301	ug/L	98
48) 2-Hexanone	10.922	43	281493	187.360	ug/L	95
49) Dibromochloromethane	11.075	129	344082	81.775	ug/L	97
50) 1,2-Dibromoethane	11.181	107	272506	82.747	ug/L	94
51) Chlorobenzene	11.604	112	1051792	89.331	ug/L	100
52) Ethylbenzene	11.681	91	1810011	100.315	ug/L	99
53) m,p-Xylene	11.793	106	722380	99.958	ug/L	100
54) o-Xylene	12.122	106	735191	104.182	ug/L	92
55) Styrene	12.134	104	1292511	104.917	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	320861	77.046	ug/L	96
59) Bromoform	12.298	173	219098	80.192	ug/L	100
60) Isopropylbenzene	12.422	105	1885687	103.578	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	205099	74.052	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1350921	102.013	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	1463273	107.411	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	837465	95.052	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	849861	89.646	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	777842	93.561	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	42943	75.065	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	539471	94.374	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	447879	92.713	ug/L	97
71) Naphthalene	15.328	128	910571	93.764	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	407771	91.346	ug/L	97

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

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