Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
Data File : VW028086.D
Acq On : 29 Feb 2024 12:02
Operator : SY/MD
Sample : VSTD10020
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100420

Quant Time: Mar 01 00:23:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 01 00:20:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	261581	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	244522	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125982	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.368	65	325726	104.315	ug/L		0.00
7) Chloroethane-d5	2.899	69	269139	111.266	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	140332	110.025	ug/L		0.00
21) 2-Butanone-d5	7.075	46	103872	233.195	ug/L		0.00
24) Chloroform-d	7.654	84	608748	109.875	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.306	65	279760	108.498	ug/L		0.00
32) Benzene-d6	8.276	84	1237526	108.413	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	319472	108.323	ug/L		0.00
41) Toluene-d8	10.324	98	1183374	110.006	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.574	79	152606	118.078	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	104360	251.219	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253777	109.025	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	398561	106.376	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	317058	119.159	ug/L		92
3) Chloromethane	2.228	50	270950	106.633	ug/L		98
5) Vinyl chloride	2.375	62	354968	100.244	ug/L		99
6) Bromomethane	2.789	94	287967	101.933	ug/L		100
8) Chloroethane	2.935	64	228324	102.672	ug/L		96
9) Trichlorofluoromethane	3.271	101	369385	111.837	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	353328	102.893	ug/L	#	72
12) 1,1-Dichloroethene	4.051	96	332599	102.283	ug/L		97
13) Acetone	4.118	43	133031	215.117	ug/L		100
14) Carbon disulfide	4.393	76	1010315	101.996	ug/L		99
15) Methyl Acetate	4.667	43	89909	102.169	ug/L		98
16) Methylene chloride	4.923	84	320948	89.195	ug/L		97
17) trans-1,2-Dichloroethene	5.429	96	355940	102.441	ug/L		97
18) Methyl tert-butyl Ether	5.429	73	430015	101.055	ug/L		99
19) 1,1-Dichloroethane	6.221	63	555525	101.116	ug/L		97
20) cis-1,2-Dichloroethene	7.166	96	378724	103.572	ug/L		97
22) 2-Butanone	7.166	43	151601	218.023	ug/L		99
23) Bromochloromethane	7.514	128	171838	100.102	ug/L		94
25) Chloroform	7.672	83	618607	100.810	ug/L		96
27) 1,2-Dichloroethane	8.398	62	354739	97.218	ug/L		100
29) Cyclohexane	7.959	56	493436	104.940	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	540639	99.026	ug/L		99
31) Carbon tetrachloride	8.069	117	512704	100.564	ug/L		99
33) Benzene	8.319	78	1299653	98.384	ug/L		100
34) Trichloroethene	9.093	95	382549	98.834	ug/L		97
35) Methylcyclohexane	9.337	83	652171	104.106	ug/L		97
37) 1,2-Dichloropropane	9.367	63	301897	98.136	ug/L		99
38) Bromodichloromethane	9.642	83	443328	99.771	ug/L		97
39) cis-1,3-Dichloropropene	10.068	75	537759	106.300	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	251470	205.808	ug/L		99
42) Toluene	10.385	91	1503938	100.756	ug/L		95
44) trans-1,3-Dichloropropene	10.605	75	451654	109.901	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	10.788	97	249016	96.519	ug/L		98
46) Tetrachloroethene	10.861	164	322939	99.551	ug/L		93
48) 2-Hexanone	10.964	43	214317	216.929	ug/L		98
49) Dibromochloromethane	11.123	129	315187	105.089	ug/L		87
50) 1,2-Dibromoethane	11.233	107	250894	100.967	ug/L		97
51) Chlorobenzene	11.653	112	1001462	100.552	ug/L		97
52) Ethylbenzene	11.727	91	1746211	102.324	ug/L		94
53) m,p-Xylene	11.836	106	693218	104.696	ug/L		97
54) o-Xylene	12.166	106	649084	103.583	ug/L		91
55) Styrene	12.178	104	1111150	103.973	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.714	83	268143	96.389	ug/L		98
59) Bromoform	12.348	173	184733	103.434	ug/L		96
60) Isopropylbenzene	12.458	105	1780764	103.033	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	186622	96.365	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	1217658	107.456	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	1423948	105.376	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	790115	98.916	ug/L		85
65) 1,4-Dichlorobenzene	13.574	146	803314	99.616	ug/L		90
67) 1,2-Dichlorobenzene	13.860	146	696253	96.767	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	41484	101.987	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.622	180	590696	100.209	ug/L		94
70) 1,2,4-trichlorobenzene	15.122	180	489397	103.382	ug/L		91
71) Naphthalene	15.360	128	823274	106.334	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	399601	100.943	ug/L		92

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

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