Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
Data File : VW025122.D
Acq On : 08 Dec 2022 09:56
Operator : SY/MD
Sample : VSTD00574
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Quant Time: Dec 08 11:02:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 23 04:05:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	433986	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.627	117	381394	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187470	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	24440	4.583	ug/L		-0.01
7) Chloroethane-d5	2.885	69	15763	4.522	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	53781	4.686	ug/L		0.00
21) 2-Butanone-d5	7.085	46	12174	10.986	ug/L		0.00
24) Chloroform-d	7.652	84	55211	4.930	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	28785	5.204	ug/L		0.00
32) Benzene-d6	8.274	84	111948	4.869	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	32980	4.960	ug/L		0.00
41) Toluene-d8	10.323	98	100904	4.833	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	13253	4.940	ug/L		0.00
47) 2-Hexanone-d5	10.926	63	8715	10.319	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24473	5.541	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.846	152	32454	5.078	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	10885	8.414	ug/L		92
3) Chloromethane	2.214	50	21837	4.555	ug/L		96
5) Vinyl chloride	2.355	62	28515	4.391	ug/L		98
6) Bromomethane	2.775	94	15024	4.759	ug/L		91
8) Chloroethane	2.915	64	12666	4.233	ug/L		98
9) Trichlorofluoromethane	3.257	101	21056	4.297	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	27068	4.613	ug/L		100
12) 1,1-Dichloroethene	4.037	96	25612	4.471	ug/L		94
13) Acetone	4.123	43	12074	10.169	ug/L		99
14) Carbon disulfide	4.379	76	84785	4.414	ug/L		98
15) Methyl Acetate	4.671	43	9467	4.888	ug/L		98
16) Methylene chloride	4.909	84	36268	4.705	ug/L		94
17) trans-1,2-Dichloroethene	5.421	96	27547	4.527	ug/L		96
18) Methyl tert-butyl Ether	5.421	73	41104	5.097	ug/L	#	86
19) 1,1-Dichloroethane	6.220	63	50392	4.700	ug/L		99
20) cis-1,2-Dichloroethene	7.165	96	28700	4.554	ug/L		86
22) 2-Butanone	7.171	43	14830	9.915	ug/L	#	68
23) Bromochloromethane	7.512	128	12035	4.709	ug/L		89
25) Chloroform	7.677	83	50347	4.692	ug/L		99
27) 1,2-Dichloroethane	8.402	62	31620	4.882	ug/L		96
29) Cyclohexane	7.957	56	44497	4.239	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	43334	4.672	ug/L		99
31) Carbon tetrachloride	8.067	117	40130	4.768	ug/L		97
33) Benzene	8.323	78	114319	4.646	ug/L		100
34) Trichloroethene	9.091	95	29863	4.630	ug/L		95
35) Methylcyclohexane	9.335	83	51330	4.400	ug/L		98
37) 1,2-Dichloropropane	9.372	63	26531	4.481	ug/L	#	97
38) Bromodichloromethane	9.646	83	35749	4.727	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	39020	4.398	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	26144	9.996	ug/L		98
42) Toluene	10.384	91	118020	4.549	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	33548	4.629	ug/L		98

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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	10.786	97	19403	4.897	ug/L		97
46) Tetrachloroethene	10.859	164	21359	4.453	ug/L		95
48) 2-Hexanone	10.969	43	18912	10.010	ug/L		98
49) Dibromochloromethane	11.127	129	22402	4.732	ug/L		88
50) 1,2-Dibromoethane	11.237	107	17718	4.816	ug/L		99
51) Chlorobenzene	11.658	112	74968	4.658	ug/L		97
52) Ethylbenzene	11.731	91	131034	4.488	ug/L		100
53) m,p-Xylene	11.841	106	50519	4.510	ug/L		96
54) o-Xylene	12.164	106	48599	4.646	ug/L		95
55) Styrene	12.182	104	80192	4.573	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.712	83	22591	5.164	ug/L		97
59) Bromoform	12.347	173	11527	4.798	ug/L		99
60) Isopropylbenzene	12.463	105	131378	4.331	ug/L		99
61) 1,2,3-Trichloropropane	12.767	75	16547	4.934	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	107361	4.142	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	105688	4.228	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	54555	4.445	ug/L		98
65) 1,4-Dichlorobenzene	13.578	146	57676	4.741	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	48636	4.577	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.474	75	3688	5.476	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.627	180	39052	4.944	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	30636	5.235	ug/L		97
71) Naphthalene	15.358	128	55680	5.190	ug/L		100
72) 1,2,3-Trichlorobenzene	15.547	180	26936	5.519	ug/L		99

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

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