Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
Data File : VW025247.D
Acq On : 30 Jan 2023 11:44
Operator : SY/MD
Sample : VSTD10009
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100409

Quant Time: Jan 31 00:51:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 31 00:47:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	393683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	354939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	441314	100.390	ug/L	0.00
7) Chloroethane-d5	2.879	69	305697	108.184	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	1036492	100.432	ug/L	0.00
21) 2-Butanone-d5	7.074	46	253456	211.195	ug/L	0.00
24) Chloroform-d	7.647	84	1052165	100.737	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	552434	98.748	ug/L	0.00
32) Benzene-d6	8.275	84	2076757	98.668	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	594548	97.596	ug/L	0.00
41) Toluene-d8	10.323	98	1943198	100.040	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	281027	104.761	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	220791	227.084	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	470726	100.309	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	605571	101.049	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	327549	133.886	ug/L	99
3) Chloromethane	2.215	50	497235	108.647	ug/L	97
5) Vinyl chloride	2.361	62	583708	101.232	ug/L	99
6) Bromomethane	2.769	94	297801	98.900	ug/L	99
8) Chloroethane	2.916	64	273001	105.316	ug/L	100
9) Trichlorofluoromethane	3.257	101	464074	105.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	584412	99.685	ug/L	99
12) 1,1-Dichloroethene	4.037	96	561616	102.184	ug/L	97
13) Acetone	4.117	43	256426	197.358	ug/L	99
14) Carbon disulfide	4.385	76	1821402	100.486	ug/L	100
15) Methyl Acetate	4.665	43	223212	103.997	ug/L	97
16) Methylene chloride	4.915	84	534903	85.670	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	575066	100.378	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	834457	100.983	ug/L	99
19) 1,1-Dichloroethane	6.214	63	1019107	99.892	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	618482	103.262	ug/L	100
22) 2-Butanone	7.165	43	330819	209.068	ug/L	98
23) Bromochloromethane	7.512	128	256957	99.705	ug/L	94
25) Chloroform	7.677	83	1041496	99.967	ug/L	98
27) 1,2-Dichloroethane	8.396	62	692813	100.077	ug/L	97
29) Cyclohexane	7.951	56	1010552	103.843	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	918584	99.676	ug/L	99
31) Carbon tetrachloride	8.067	117	866387	99.947	ug/L	100
33) Benzene	8.323	78	2257795	96.929	ug/L	100
34) Trichloroethene	9.091	95	632135	99.621	ug/L	98
35) Methylcyclohexane	9.335	83	1115992	101.190	ug/L	99
37) 1,2-Dichloropropane	9.366	63	558298	99.378	ug/L	100
38) Bromodichloromethane	9.646	83	756369	100.555	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	986126	106.747	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	639070	217.625	ug/L	99
42) Toluene	10.384	91	2454924	99.725	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	837438	108.010	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Tue Jan 31 00:47:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	424432	100.459	ug/L	99
46) Tetrachloroethene	10.859	164	465196	99.506	ug/L	96
48) 2-Hexanone	10.963	43	474365	213.059	ug/L	98
49) Dibromochloromethane	11.128	129	501884	104.287	ug/L	93
50) 1,2-Dibromoethane	11.231	107	419748	103.143	ug/L	99
51) Chlorobenzene	11.658	112	1591423	100.980	ug/L	99
52) Ethylbenzene	11.731	91	2909069	101.801	ug/L	99
53) m,p-Xylene	11.835	106	1118414	102.986	ug/L	94
54) o-Xylene	12.164	106	1036492	101.665	ug/L	97
55) Styrene	12.176	104	1780729	103.730	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	496975	101.857	ug/L	98
59) Bromoform	12.347	173	289429	104.412	ug/L	99
60) Isopropylbenzene	12.463	105	2967442	101.013	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	367851	99.653	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2472833	106.524	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2423218	106.678	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	1201084	101.671	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	1188621	101.264	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1006438	101.504	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	89428	103.068	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	825603	105.916	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	692573	110.867	ug/L	98
71) Naphthalene	15.359	128	1464124	116.082	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	580581	102.870	ug/L	96

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

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