Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
Data File : VW027832.D
Acq On : 08 Jan 2024 15:26
Operator : SY/MD
Sample : VSTD10008
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100408

Quant Time: Jan 09 03:53:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 09 03:50:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	356886	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	330396	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	160155	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	429228	98.417	ug/L	0.00
7) Chloroethane-d5	2.899	69	336759	88.195	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	181786	92.757	ug/L	0.00
21) 2-Butanone-d5	7.081	46	147281	203.283	ug/L	0.00
24) Chloroform-d	7.648	84	843422	97.794	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	378289	96.684	ug/L	0.00
32) Benzene-d6	8.276	84	1788915	96.330	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	499693	96.199	ug/L	0.00
41) Toluene-d8	10.325	98	1726327	99.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	208057	105.112	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	143764	212.028	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	353610	96.472	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	562644	99.152	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	358261	104.284	ug/L	96
3) Chloromethane	2.229	50	434901	94.169	ug/L	100
5) Vinyl chloride	2.375	62	483775	104.173	ug/L	99
6) Bromomethane	2.796	94	346861	95.440	ug/L	100
8) Chloroethane	2.936	64	284736	90.732	ug/L	98
9) Trichlorofluoromethane	3.277	101	512652	96.454	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	412155	95.333	ug/L	99
12) 1,1-Dichloroethene	4.045	96	406863	95.456	ug/L	99
13) Acetone	4.149	43	128714	146.834	ug/L	99
14) Carbon disulfide	4.387	76	1250729	95.964	ug/L	98
15) Methyl Acetate	4.679	43	114959	94.489	ug/L	96
16) Methylene chloride	4.923	84	405144	77.362	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	430538	94.800	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	516285	92.561	ug/L	99
19) 1,1-Dichloroethane	6.222	63	737643	95.695	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	476521	97.379	ug/L	98
22) 2-Butanone	7.179	43	167048	186.772	ug/L	99
23) Bromochloromethane	7.520	128	203441	94.719	ug/L	97
25) Chloroform	7.679	83	748650	93.629	ug/L	97
27) 1,2-Dichloroethane	8.398	62	421008	93.522	ug/L	98
29) Cyclohexane	7.959	56	640953	95.344	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	610450	92.228	ug/L	98
31) Carbon tetrachloride	8.075	117	549135	95.245	ug/L	99
33) Benzene	8.325	78	1669018	91.729	ug/L	100
34) Trichloroethene	9.093	95	469692	94.236	ug/L	95
35) Methylcyclohexane	9.337	83	790863	94.367	ug/L	98
37) 1,2-Dichloropropane	9.368	63	408118	93.320	ug/L	99
38) Bromodichloromethane	9.642	83	517924	94.505	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	682036	100.513	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	323178	188.307	ug/L	100
42) Toluene	10.386	91	1884519	94.578	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	539718	103.239	ug/L	96

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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	10.782	97	307896	93.924	ug/L		99
46) Tetrachloroethene	10.861	164	379678	94.605	ug/L		96
48) 2-Hexanone	10.965	43	234441	186.702	ug/L		97
49) Dibromochloromethane	11.123	129	349312	98.016	ug/L		99
50) 1,2-Dibromoethane	11.233	107	288765	96.184	ug/L		97
51) Chlorobenzene	11.654	112	1219358	93.151	ug/L		97
52) Ethylbenzene	11.727	91	2151945	95.932	ug/L		100
53) m,p-Xylene	11.837	106	833152	95.954	ug/L		100
54) o-Xylene	12.166	106	794285	97.497	ug/L		90
55) Styrene	12.178	104	1357581	98.248	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	331320	93.011	ug/L		97
59) Bromoform	12.349	173	204561	103.629	ug/L	#	97
60) Isopropylbenzene	12.459	105	2177205	98.724	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	231587	94.470	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	1768337	101.004	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	1776247	101.684	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	988058	98.823	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	959916	97.462	ug/L		91
67) 1,2-Dichlorobenzene	13.867	146	843683	96.826	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	46989	99.727	ug/L		88
69) 1,3,5-Trichlorobenzene	14.623	180	659761	94.502	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	558462	98.716	ug/L		88
71) Naphthalene	15.360	128	982652	104.346	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	464719	97.190	ug/L		97

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

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