Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027639.D
Acq On : 15 Dec 2023 16:21
Operator : SY/MD
Sample : VSTD10002
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100402

Quant Time: Dec 15 23:35:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	345354	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	300561	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158193	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	461801	94.170	ug/L		0.00
7) Chloroethane-d5	2.899	69	363923	95.188	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	186084	94.194	ug/L		0.00
21) 2-Butanone-d5	7.081	46	182417	214.597	ug/L		0.00
24) Chloroform-d	7.648	84	784860	94.817	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	372453	96.105	ug/L		0.00
32) Benzene-d6	8.276	84	1706697	96.850	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	487297	97.345	ug/L		0.00
41) Toluene-d8	10.319	98	1617196	98.328	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	211781	108.911	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	175449	240.033	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	397322	105.110	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	526784	94.340	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	435380	112.573	ug/L		99
3) Chloromethane	2.229	50	479366	100.560	ug/L		98
5) Vinyl chloride	2.375	62	563455	99.364	ug/L		97
6) Bromomethane	2.796	94	362643	100.113	ug/L		94
8) Chloroethane	2.936	64	332157	98.368	ug/L		98
9) Trichlorofluoromethane	3.271	101	538471	102.726	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	417653	97.125	ug/L	#	66
12) 1,1-Dichloroethene	4.045	96	428327	99.833	ug/L		98
13) Acetone	4.149	43	156596	201.747	ug/L		98
14) Carbon disulfide	4.387	76	1421748	98.495	ug/L		98
15) Methyl Acetate	4.673	43	146626	104.826	ug/L		99
16) Methylene chloride	4.917	84	421370	75.541	ug/L		96
17) trans-1,2-Dichloroethene	5.429	96	447945	98.290	ug/L		96
18) Methyl tert-butyl Ether	5.429	73	598624	99.777	ug/L		99
19) 1,1-Dichloroethane	6.216	63	750981	97.196	ug/L		97
20) cis-1,2-Dichloroethene	7.173	96	472234	99.017	ug/L		99
22) 2-Butanone	7.173	43	210701	209.977	ug/L		98
23) Bromochloromethane	7.514	128	202536	100.304	ug/L		96
25) Chloroform	7.679	83	737683	96.841	ug/L		96
27) 1,2-Dichloroethane	8.398	62	435591	97.522	ug/L		98
29) Cyclohexane	7.959	56	735967	102.005	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	628719	98.620	ug/L		99
31) Carbon tetrachloride	8.069	117	555105	99.555	ug/L		95
33) Benzene	8.325	78	1718382	97.155	ug/L		100
34) Trichloroethene	9.093	95	471133	98.390	ug/L		98
35) Methylcyclohexane	9.331	83	874217	100.819	ug/L		100
37) 1,2-Dichloropropane	9.368	63	416387	98.104	ug/L		100
38) Bromodichloromethane	9.642	83	526239	102.375	ug/L		96
39) cis-1,3-Dichloropropene	10.075	75	696257	107.232	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	419798	226.847	ug/L		99
42) Toluene	10.386	91	1878084	98.842	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	568525	110.758	ug/L		100

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Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	322303	102.414	ug/L		98
46) Tetrachloroethene	10.861	164	378702	98.547	ug/L		92
48) 2-Hexanone	10.965	43	316986	232.742	ug/L		99
49) Dibromochloromethane	11.129	129	353320	108.024	ug/L		88
50) 1,2-Dibromoethane	11.233	107	316875	105.677	ug/L		97
51) Chlorobenzene	11.654	112	1216862	100.133	ug/L		97
52) Ethylbenzene	11.727	91	2173726	101.349	ug/L		97
53) m,p-Xylene	11.837	106	851791	103.130	ug/L		98
54) o-Xylene	12.160	106	789619	103.185	ug/L		99
55) Styrene	12.178	104	1337153	103.675	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	378798	105.465	ug/L		98
59) Bromoform	12.343	173	206624	106.045	ug/L		96
60) Isopropylbenzene	12.458	105	2183736	96.529	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	263410	99.220	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	1766245	98.453	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	1735766	98.146	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	932464	96.434	ug/L		88
65) 1,4-Dichlorobenzene	13.574	146	920225	94.200	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	814741	95.405	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	57327	108.810	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.623	180	626555	92.277	ug/L		96
70) 1,2,4-trichlorobenzene	15.123	180	539970	98.731	ug/L		95
71) Naphthalene	15.354	128	1099353	112.273	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	465777	100.273	ug/L		97

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

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