Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025718.D
Acq On : 27 Apr 2023 09:34
Operator : SY/MD
Sample : VSTD10047
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

Quant Time: Apr 28 02:23:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	668919	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	601935	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293869	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	788002	96.571	ug/L		0.00
7) Chloroethane-d5	2.893	69	572569	98.042	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	1804994	96.896	ug/L		0.00
21) 2-Butanone-d5	7.075	46	557481	208.235	ug/L		0.00
24) Chloroform-d	7.648	84	1732175	96.529	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	934952	95.571	ug/L		0.00
32) Benzene-d6	8.276	84	3500248	95.780	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	1137598	96.246	ug/L		0.00
41) Toluene-d8	10.325	98	3159262	97.790	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	476503	103.444	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	410879	223.802	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	832027	95.506	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	952152	94.572	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	922778	112.135	ug/L		99
3) Chloromethane	2.229	50	1166627	104.267	ug/L		99
5) Vinyl chloride	2.375	62	1155306	98.204	ug/L		98
6) Bromomethane	2.789	94	612634	98.428	ug/L		99
8) Chloroethane	2.930	64	579046	96.628	ug/L		97
9) Trichlorofluoromethane	3.265	101	947529	107.152	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	901566	97.986	ug/L		98
12) 1,1-Dichloroethene	4.045	96	879069	97.551	ug/L		95
13) Acetone	4.118	43	412695	165.352	ug/L		97
14) Carbon disulfide	4.393	76	3075134	97.145	ug/L		99
15) Methyl Acetate	4.667	43	476006	96.379	ug/L		100
16) Methylene chloride	4.917	84	900137	71.661	ug/L		97
17) trans-1,2-Dichloroethene	5.423	96	928689	97.504	ug/L		99
18) Methyl tert-butyl Ether	5.423	73	1355131	98.866	ug/L		99
19) 1,1-Dichloroethane	6.216	63	1863379	95.994	ug/L		98
20) cis-1,2-Dichloroethene	7.167	96	987653	98.856	ug/L	#	98
22) 2-Butanone	7.167	43	638735	201.844	ug/L		99
23) Bromochloromethane	7.514	128	390306	94.073	ug/L		97
25) Chloroform	7.679	83	1676174	94.015	ug/L		98
27) 1,2-Dichloroethane	8.398	62	1142309	93.529	ug/L		99
29) Cyclohexane	7.959	56	1910852	102.039	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	1360540	93.110	ug/L		98
31) Carbon tetrachloride	8.069	117	1248591	93.902	ug/L		98
33) Benzene	8.325	78	3839087	93.455	ug/L		100
34) Trichloroethene	9.093	95	996975	93.959	ug/L		97
35) Methylcyclohexane	9.337	83	1863702	98.824	ug/L		100
37) 1,2-Dichloropropane	9.368	63	1040538	93.972	ug/L		100
38) Bromodichloromethane	9.648	83	1204923	96.253	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	1622649	102.333	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	1350653	202.226	ug/L		100
42) Toluene	10.386	91	4009544	95.672	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	1340937	102.936	ug/L		99

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Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,1,2-Trichloroethane	10.788	97	670451	93.445	ug/L		99
46)	Tetrachloroethene	10.861	164	714339	95.065	ug/L		93
48)	2-Hexanone	10.965	43	954783	203.006	ug/L		98
49)	Dibromochloromethane	11.129	129	719061	96.758	ug/L		93
50)	1,2-Dibromoethane	11.233	107	636875	96.759	ug/L	#	99
51)	Chlorobenzene	11.654	112	2396834	92.932	ug/L		99
52)	Ethylbenzene	11.727	91	4576745	97.386	ug/L		97
53)	m,p-Xylene	11.837	106	1711492	98.648	ug/L		93
54)	o-Xylene	12.166	106	1599102	98.849	ug/L		95
55)	Styrene	12.178	104	2772343	101.093	ug/L		98
57)	1,1,2,2-Tetrachloroethane	12.708	83	823613	93.730	ug/L		97
59)	Bromoform	12.349	173	407748	100.140	ug/L		99
60)	Isopropylbenzene	12.458	105	4507673	99.873	ug/L		98
61)	1,2,3-Trichloropropane	12.763	75	595967	93.247	ug/L		100
62)	1,3,5-Trimethylbenzene	12.940	105	3682990	103.782	ug/L		99
63)	1,2,4-Trimethylbenzene	13.245	105	3317164	103.482	ug/L		100
64)	1,3-Dichlorobenzene	13.495	146	1817430	95.417	ug/L		95
65)	1,4-Dichlorobenzene	13.574	146	1748753	90.553	ug/L		96
67)	1,2-Dichlorobenzene	13.867	146	1564668	93.109	ug/L		99
68)	1,2-Dibromo-3-chloropr...	14.482	75	137334	94.280	ug/L	#	91
69)	1,3,5-Trichlorobenzene	14.623	180	1198099	96.683	ug/L		99
70)	1,2,4-trichlorobenzene	15.129	180	1001327	94.632	ug/L		99
71)	Naphthalene	15.360	128	2023109	107.047	ug/L		100
72)	1,2,3-Trichlorobenzene	15.549	180	880561	94.282	ug/L		99

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

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