Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025714.D
Acq On : 27 Apr 2023 07:59
Operator : SY/MD
Sample : VSTD2.543
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

Quant Time: Apr 28 02:20:48 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	661463	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	590543	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	290094	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.357	65	20959	2.598	ug/L		0.00
7) Chloroethane-d5	2.899	69	12923	2.238	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	43838	2.380	ug/L		0.00
21) 2-Butanone-d5	7.087	46	10800	4.080	ug/L		0.01
24) Chloroform-d	7.654	84	47057	2.652	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	26446	2.734	ug/L		0.00
32) Benzene-d6	8.276	84	90938	2.536	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	29087	2.508	ug/L		0.00
41) Toluene-d8	10.325	98	75367	2.378	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	10468	2.316	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	6970	3.870	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	22266	2.605	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26450	2.661	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	13796	1.695	ug/L	#	86
3) Chloromethane	2.216	50	20619	1.864	ug/L		97
5) Vinyl chloride	2.369	62	22824	1.962	ug/L		95
6) Bromomethane	2.789	94	12073	1.962	ug/L		92
8) Chloroethane	2.936	64	10324	1.742	ug/L		93
9) Trichlorofluoromethane	3.271	101	15878	1.816	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	16296	1.791	ug/L		92
12) 1,1-Dichloroethene	4.045	96	16639	1.867	ug/L		90
14) Carbon disulfide	4.381	76	61249	1.957	ug/L		99
15) Methyl Acetate	4.679	43	8868	1.816	ug/L		97
16) Methylene chloride	4.917	84	45096	3.631	ug/L		92
17) trans-1,2-Dichloroethene	5.429	96	18182	1.930	ug/L		89
18) Methyl tert-butyl Ether	5.429	73	24653	1.819	ug/L	#	78
19) 1,1-Dichloroethane	6.216	63	38640	2.013	ug/L		95
20) cis-1,2-Dichloroethene	7.173	96	18986	1.922	ug/L	#	90
22) 2-Butanone	7.179	43	10734	3.430	ug/L		84
23) Bromochloromethane	7.514	128	8610	2.099	ug/L		98
25) Chloroform	7.679	83	35087	1.990	ug/L		99
27) 1,2-Dichloroethane	8.398	62	24175	2.002	ug/L	#	95
29) Cyclohexane	7.959	56	29429	1.602	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	28378	1.980	ug/L		98
31) Carbon tetrachloride	8.069	117	24413	1.871	ug/L		99
33) Benzene	8.325	78	75753	1.880	ug/L		100
34) Trichloroethene	9.093	95	20085	1.929	ug/L		97
35) Methylcyclohexane	9.337	83	32371	1.750	ug/L		96
37) 1,2-Dichloropropane	9.367	63	21102	1.942	ug/L	#	97
38) Bromodichloromethane	9.648	83	23148	1.885	ug/L		100
39) cis-1,3-Dichloropropene	10.075	75	26562	1.707	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	22367	3.413	ug/L		95
42) Toluene	10.386	91	73689	1.792	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	21550	1.686	ug/L		94
45) 1,1,2-Trichloroethane	10.788	97	13222	1.878	ug/L		98

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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)
46) Tetrachloroethene	10.861	164	14013	1.901 ug/L	88
48) 2-Hexanone	10.971	43	14895	3.228 ug/L #	96
49) Dibromochloromethane	11.123	129	13041	1.789 ug/L	95
50) 1,2-Dibromoethane	11.233	107	12113	1.876 ug/L #	97
51) Chlorobenzene	11.654	112	49169	1.943 ug/L	98
52) Ethylbenzene	11.727	91	80333	1.742 ug/L	98
53) m,p-Xylene	11.843	106	28558	1.678 ug/L	92
54) o-Xylene	12.166	106	25925	1.633 ug/L	95
55) Styrene	12.178	104	43171	1.605 ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	16377	1.900 ug/L #	93
59) Bromoform	12.349	173	7644	1.902 ug/L	98
60) Isopropylbenzene	12.464	105	72527	1.628 ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	12125	1.922 ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	50960	1.455 ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	46789	1.479 ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	33327	1.772 ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	37614	1.973 ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	31599	1.905 ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	3336	2.320 ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	22785	1.863 ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	17017	1.629 ug/L	97
71) Naphthalene	15.360	128	26832	1.438 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	16183	1.755 ug/L	100

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

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