Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025715.D
Acq On : 27 Apr 2023 08:23
Operator : SY/MD
Sample : VSTD00544
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

Quant Time: Apr 28 02:21:23 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	672598	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	604962	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295138	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	41036	5.002	ug/L		0.00
7) Chloroethane-d5	2.899	69	29102	4.956	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	88123	4.705	ug/L		0.00
21) 2-Butanone-d5	7.081	46	23852	8.861	ug/L		0.00
24) Chloroform-d	7.648	84	92126	5.106	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	51941	5.280	ug/L		0.00
32) Benzene-d6	8.276	84	186198	5.070	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	59955	5.047	ug/L		0.00
41) Toluene-d8	10.325	98	159805	4.922	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	22045	4.762	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	14536	7.878	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42984	4.909	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	50706	5.015	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	25853	3.124	ug/L		99
3) Chloromethane	2.216	50	41965	3.730	ug/L		98
5) Vinyl chloride	2.369	62	47519	4.017	ug/L		98
6) Bromomethane	2.789	94	25350	4.051	ug/L		97
8) Chloroethane	2.930	64	23070	3.829	ug/L		100
9) Trichlorofluoromethane	3.265	101	32743	3.683	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	34379	3.716	ug/L		95
12) 1,1-Dichloroethene	4.045	96	35365	3.903	ug/L		89
13) Acetone	4.118	43	9770	3.893	ug/L		95
14) Carbon disulfide	4.393	76	123556	3.882	ug/L		97
16) Methylene chloride	4.923	84	63972	5.065	ug/L		94
17) trans-1,2-Dichloroethene	5.429	96	37631	3.929	ug/L		94
18) Methyl tert-butyl Ether	5.429	73	50529	3.666	ug/L	#	90
19) 1,1-Dichloroethane	6.222	63	75514	3.869	ug/L		97
20) cis-1,2-Dichloroethene	7.173	96	37225	3.706	ug/L	#	91
22) 2-Butanone	7.179	43	20273	6.371	ug/L		98
23) Bromochloromethane	7.514	128	16521	3.960	ug/L		88
25) Chloroform	7.679	83	70143	3.913	ug/L		97
27) 1,2-Dichloroethane	8.398	62	48276	3.931	ug/L		99
29) Cyclohexane	7.959	56	63111	3.353	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	56293	3.833	ug/L		99
31) Carbon tetrachloride	8.069	117	50902	3.809	ug/L		96
33) Benzene	8.325	78	156849	3.799	ug/L		100
34) Trichloroethene	9.093	95	40503	3.798	ug/L		97
35) Methylcyclohexane	9.337	83	66420	3.504	ug/L		95
37) 1,2-Dichloropropane	9.374	63	43451	3.904	ug/L	#	97
38) Bromodichloromethane	9.642	83	47324	3.761	ug/L		94
39) cis-1,3-Dichloropropene	10.069	75	53724	3.371	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	41924	6.246	ug/L		99
42) Toluene	10.386	91	154267	3.663	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	45280	3.458	ug/L		96
45) 1,1,2-Trichloroethane	10.788	97	27236	3.777	ug/L		96

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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)
46) Tetrachloroethene	10.861	164	28434	3.765	ug/L		96
48) 2-Hexanone	10.965	43	28385	6.005	ug/L	#	98
49) Dibromochloromethane	11.123	129	26685	3.573	ug/L		95
50) 1,2-Dibromoethane	11.233	107	23608	3.569	ug/L	#	99
51) Chlorobenzene	11.654	112	100639	3.883	ug/L		97
52) Ethylbenzene	11.727	91	170952	3.619	ug/L		95
53) m,p-Xylene	11.837	106	62223	3.569	ug/L		100
54) o-Xylene	12.160	106	55867	3.436	ug/L		99
55) Styrene	12.178	104	98027	3.557	ug/L		92
57) 1,1,2,2-Tetrachloroethane	12.714	83	31589	3.577	ug/L		95
59) Bromoform	12.349	173	14306	3.498	ug/L		100
60) Isopropylbenzene	12.458	105	157304	3.470	ug/L		100
61) 1,2,3-Trichloropropane	12.769	75	23762	3.702	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	114771	3.220	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	105739	3.284	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	69143	3.614	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	74802	3.857	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	63663	3.772	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	5274	3.605	ug/L		90
69) 1,3,5-Trichlorobenzene	14.623	180	45048	3.620	ug/L		99
70) 1,2,4-trichlorobenzene	15.123	180	35864	3.375	ug/L		97
71) Naphthalene	15.360	128	53015	2.793	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	30973	3.302	ug/L		92

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

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