Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025716.D
Acq On : 27 Apr 2023 08:46
Operator : SY/MD
Sample : VSTD02545
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025445

Quant Time: Apr 28 02:21:58 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	678409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	305459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194167	23.463	ug/L	0.00
7) Chloroethane-d5	2.899	69	137519	23.218	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	447459	23.685	ug/L	0.00
21) 2-Butanone-d5	7.075	46	123782	45.589	ug/L	0.00
24) Chloroform-d	7.648	84	426484	23.434	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	231669	23.350	ug/L	0.00
32) Benzene-d6	8.276	84	859319	23.403	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	278458	23.448	ug/L	0.00
41) Toluene-d8	10.325	98	780479	24.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	107641	23.257	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	85529	46.367	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201679	23.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	236177	22.568	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	230632	27.634	ug/L	100
3) Chloromethane	2.223	50	280847	24.750	ug/L	100
5) Vinyl chloride	2.375	62	295089	24.732	ug/L	100
6) Bromomethane	2.790	94	155839	24.687	ug/L	100
8) Chloroethane	2.936	64	147607	24.287	ug/L	100
9) Trichlorofluoromethane	3.265	101	227147	25.328	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	231559	24.815	ug/L	100
12) 1,1-Dichloroethene	4.045	96	218199	23.875	ug/L	100
13) Acetone	4.119	43	110350	43.595	ug/L	100
14) Carbon disulfide	4.387	76	795753	24.787	ug/L	100
15) Methyl Acetate	4.667	43	116031	23.165	ug/L	100
16) Methylene chloride	4.917	84	251157	19.715	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	234514	24.277	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	332727	23.935	ug/L	100
19) 1,1-Dichloroethane	6.216	63	474423	24.098	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	246373	24.315	ug/L	100
22) 2-Butanone	7.167	43	153777	47.915	ug/L	100
23) Bromochloromethane	7.514	128	102158	24.278	ug/L	100
25) Chloroform	7.673	83	436002	24.113	ug/L	100
27) 1,2-Dichloroethane	8.398	62	298882	24.129	ug/L	100
29) Cyclohexane	7.959	56	478110	25.410	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	351703	23.956	ug/L	100
31) Carbon tetrachloride	8.069	117	318830	23.865	ug/L	100
33) Benzene	8.325	78	1013178	24.547	ug/L	100
34) Trichloroethene	9.093	95	250635	23.509	ug/L	100
35) Methylcyclohexane	9.337	83	479889	25.326	ug/L	100
37) 1,2-Dichloropropane	9.368	63	270497	24.313	ug/L	100
38) Bromodichloromethane	9.642	83	304525	24.212	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	388635	24.394	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	318327	47.436	ug/L	100
42) Toluene	10.386	91	1041266	24.729	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	318833	24.359	ug/L	100

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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)
45)	1,1,2-Trichloroethane	10.788	97	172881	23.982	ug/L	100
46)	Tetrachloroethene	10.861	164	184404	24.425	ug/L	100
48)	2-Hexanone	10.965	43	230019	48.676	ug/L	100
49)	Dibromochloromethane	11.123	129	177540	23.777	ug/L	100
50)	1,2-Dibromoethane	11.233	107	155954	23.582	ug/L	100
51)	Chlorobenzene	11.654	112	623270	24.052	ug/L	100
52)	Ethylbenzene	11.727	91	1185158	25.099	ug/L	100
53)	m,p-Xylene	11.837	106	425525	24.411	ug/L	100
54)	o-Xylene	12.166	106	406407	25.004	ug/L	100
55)	Styrene	12.178	104	692063	25.117	ug/L	100
57)	1,1,2,2-Tetrachloroethane	12.715	83	207460	23.498	ug/L	100
59)	Bromoform	12.349	173	95834	22.643	ug/L	100
60)	Isopropylbenzene	12.459	105	1120580	23.886	ug/L	100
61)	1,2,3-Trichloropropane	12.763	75	151831	22.855	ug/L	100
62)	1,3,5-Trimethylbenzene	12.940	105	894959	24.262	ug/L	100
63)	1,2,4-Trimethylbenzene	13.245	105	817169	24.525	ug/L	100
64)	1,3-Dichlorobenzene	13.495	146	445018	22.477	ug/L	100
65)	1,4-Dichlorobenzene	13.574	146	446484	22.242	ug/L	100
67)	1,2-Dichlorobenzene	13.867	146	406255	23.258	ug/L	100
68)	1,2-Dibromo-3-chloropr...	14.476	75	32499	21.464	ug/L	100
69)	1,3,5-Trichlorobenzene	14.623	180	289884	22.505	ug/L	100
70)	1,2,4-trichlorobenzene	15.129	180	245011	22.277	ug/L	100
71)	Naphthalene	15.360	128	451468	22.982	ug/L	100
72)	1,2,3-Trichlorobenzene	15.549	180	215663	22.215	ug/L	100

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

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