Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026673.D
Acq On : 10 Aug 2023 11:32
Operator : SY/MD
Sample : VSTD05023
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

Quant Time: Aug 11 01:27:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 01:25:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	496591	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	472869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	405581	49.683	ug/L	0.00
7) Chloroethane-d5	2.893	69	304462	50.771	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	201681	50.232	ug/L	0.00
21) 2-Butanone-d5	7.081	46	234458	100.503	ug/L	0.00
24) Chloroform-d	7.648	84	837953	50.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	462248	50.257	ug/L	0.00
32) Benzene-d6	8.276	84	1709022	52.440	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	527730	51.986	ug/L	0.00
41) Toluene-d8	10.319	98	1504719	53.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	227882	54.369	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	126917	118.983	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	426164	53.159	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	482417	51.311	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	361709	52.894	ug/L	97
3) Chloromethane	2.229	50	481612	52.166	ug/L	99
5) Vinyl chloride	2.375	62	465752	52.771	ug/L	99
6) Bromomethane	2.789	94	258512	50.200	ug/L	98
8) Chloroethane	2.936	64	274467	51.901	ug/L	98
9) Trichlorofluoromethane	3.259	101	400961	55.358	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	395502	51.057	ug/L	95
12) 1,1-Dichloroethene	4.051	96	392762	53.510	ug/L	96
13) Acetone	4.125	43	183917	79.584	ug/L	97
14) Carbon disulfide	4.393	76	1380785	52.290	ug/L	99
15) Methyl Acetate	4.673	43	245954	52.631	ug/L	99
16) Methylene chloride	4.923	84	437227	45.516	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	428073	52.263	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	680061	54.874	ug/L	99
19) 1,1-Dichloroethane	6.222	63	866836	51.421	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	464418	52.752	ug/L	100
22) 2-Butanone	7.173	43	331108	96.307	ug/L	98
23) Bromochloromethane	7.514	128	193310	50.831	ug/L	94
25) Chloroform	7.679	83	798941	49.057	ug/L	97
27) 1,2-Dichloroethane	8.398	62	575452	50.650	ug/L	100
29) Cyclohexane	7.959	56	847872	57.980	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	647272	52.448	ug/L	100
31) Carbon tetrachloride	8.069	117	599145	53.098	ug/L	96
33) Benzene	8.325	78	1822631	52.929	ug/L	100
34) Trichloroethene	9.093	95	463622	52.862	ug/L	97
35) Methylcyclohexane	9.337	83	855775	57.037	ug/L	100
37) 1,2-Dichloropropane	9.368	63	492372	52.201	ug/L	100
38) Bromodichloromethane	9.642	83	584860	52.857	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	779348	57.435	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	689887	112.444	ug/L	98
42) Toluene	10.386	91	1905599	54.704	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	650674	55.712	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	342670	53.121	ug/L	98
46) Tetrachloroethene	10.861	164	331282	51.993	ug/L	90
48) 2-Hexanone	10.965	43	481561	115.350	ug/L	99
49) Dibromochloromethane	11.129	129	366691	54.350	ug/L	98
50) 1,2-Dibromoethane	11.233	107	323034	53.370	ug/L	92
51) Chlorobenzene	11.654	112	1136652	51.657	ug/L	95
52) Ethylbenzene	11.727	91	2185067	55.936	ug/L	99
53) m,p-Xylene	11.837	106	821695	56.779	ug/L	91
54) o-Xylene	12.166	106	757471	56.082	ug/L	94
55) Styrene	12.178	104	1321115	56.255	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	434840	53.226	ug/L	99
59) Bromoform	12.349	173	215537	52.381	ug/L	98
60) Isopropylbenzene	12.458	105	2152626	55.120	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	320399	50.285	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1730806	56.071	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1709723	56.522	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	881499	51.901	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	892599	50.359	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	790337	51.172	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	76802	50.397	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	580718	50.609	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	493271	50.702	ug/L	94
71) Naphthalene	15.360	128	1052953	56.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	452898	51.613	ug/L	99

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

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