Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
Data File : VW026585.D
Acq On : 11 Jul 2023 09:24
Operator : SY/MD
Sample : VSTD02516
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

Quant Time: Jul 12 06:33:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 12 06:31:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	588472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	507940	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238789	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	245129	24.695	ug/L	0.00
7) Chloroethane-d5	2.899	69	173296	24.880	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	114065	24.469	ug/L	0.00
21) 2-Butanone-d5	7.075	46	179052	56.042	ug/L	0.00
24) Chloroform-d	7.648	84	428105	25.268	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	241096	25.486	ug/L	0.00
32) Benzene-d6	8.276	84	912995	26.184	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	277159	25.850	ug/L	0.00
41) Toluene-d8	10.325	98	797516	26.667	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	111803	26.014	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123453	59.009	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237991	26.212	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	239118	27.274	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	149896	21.902	ug/L	100
3) Chloromethane	2.222	50	208210	21.952	ug/L	100
5) Vinyl chloride	2.375	62	216996	21.709	ug/L	100
6) Bromomethane	2.789	94	117207	22.057	ug/L	100
8) Chloroethane	2.936	64	124944	22.354	ug/L	100
9) Trichlorofluoromethane	3.265	101	163572	22.093	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	177184	21.771	ug/L	100
12) 1,1-Dichloroethene	4.045	96	177495	22.515	ug/L	100
13) Acetone	4.118	43	121523	52.662	ug/L	100
14) Carbon disulfide	4.393	76	620123	22.440	ug/L	100
15) Methyl Acetate	4.673	43	131463	23.925	ug/L	100
16) Methylene chloride	4.917	84	195480	18.866	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	189383	22.468	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	299531	22.705	ug/L	100
19) 1,1-Dichloroethane	6.216	63	374696	22.234	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	195995	22.455	ug/L	100
22) 2-Butanone	7.167	43	181675	51.745	ug/L	100
23) Bromochloromethane	7.514	128	85099	22.761	ug/L	100
25) Chloroform	7.679	83	349985	22.666	ug/L	100
27) 1,2-Dichloroethane	8.398	62	250698	23.064	ug/L	100
29) Cyclohexane	7.959	56	376205	23.788	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	287418	23.087	ug/L	100
31) Carbon tetrachloride	8.069	117	258585	22.882	ug/L	100
33) Benzene	8.325	78	813271	23.237	ug/L	100
34) Trichloroethene	9.093	95	205194	22.824	ug/L	100
35) Methylcyclohexane	9.337	83	384404	23.813	ug/L	100
37) 1,2-Dichloropropane	9.367	63	212381	22.851	ug/L	100
38) Bromodichloromethane	9.648	83	244672	23.171	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	315188	23.555	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	351876	50.160	ug/L	100
42) Toluene	10.386	91	833173	23.573	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	265654	23.540	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Wed Jul 12 06:31:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	148145	22.837	ug/L	100
46) Tetrachloroethene	10.861	164	146069	22.887	ug/L	100
48) 2-Hexanone	10.965	43	257048	52.505	ug/L	100
49) Dibromochloromethane	11.129	129	152149	23.688	ug/L	100
50) 1,2-Dibromoethane	11.233	107	143604	23.485	ug/L	100
51) Chlorobenzene	11.654	112	498035	22.982	ug/L	100
52) Ethylbenzene	11.727	91	940667	23.906	ug/L	100
53) m,p-Xylene	11.836	106	340318	23.773	ug/L	100
54) o-Xylene	12.166	106	322683	24.015	ug/L	100
55) Styrene	12.178	104	554598	24.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	201210	23.635	ug/L	100
59) Bromoform	12.342	173	88674	23.479	ug/L	100
60) Isopropylbenzene	12.464	105	897664	24.297	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	156685	24.294	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	713988	25.196	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	705690	25.118	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	366830	23.662	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	364918	23.602	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	329197	23.993	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	36687	23.890	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	242726	23.659	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	200288	23.790	ug/L	100
71) Naphthalene	15.360	128	483447	25.357	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	187048	23.600	ug/L	100

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

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