Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025548.D
Acq On : 03 Apr 2023 10:30
Operator : SY/MD
Sample : VSTD05040
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

Quant Time: Apr 04 02:51:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 03 11:21:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	764439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	683500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	333994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	616164	49.498	ug/L	0.00
7) Chloroethane-d5	2.899	69	442057	50.270	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	1279245	50.851	ug/L	0.00
21) 2-Butanone-d5	7.075	46	293108	105.229	ug/L	0.00
24) Chloroform-d	7.648	84	1074798	50.075	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	550902	49.336	ug/L	0.00
32) Benzene-d6	8.276	84	2228736	50.358	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	690233	50.018	ug/L	0.00
41) Toluene-d8	10.319	98	2018789	52.207	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	274138	52.987	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	211238	111.991	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	465966	50.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	576193	50.216	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	581210	62.843	ug/L	97
3) Chloromethane	2.223	50	697484	56.238	ug/L	100
5) Vinyl chloride	2.375	62	732200	53.405	ug/L	97
6) Bromomethane	2.789	94	387314	52.515	ug/L	98
8) Chloroethane	2.936	64	403014	52.485	ug/L	99
9) Trichlorofluoromethane	3.271	101	595451	56.375	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	568662	53.651	ug/L	99
12) 1,1-Dichloroethene	4.045	96	558264	52.777	ug/L	96
13) Acetone	4.119	43	239229	101.482	ug/L	99
14) Carbon disulfide	4.393	76	1983264	52.984	ug/L	99
15) Methyl Acetate	4.667	43	275830	52.273	ug/L	98
16) Methylene chloride	4.917	84	560876	46.159	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	585210	51.883	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	818132	52.563	ug/L	100
19) 1,1-Dichloroethane	6.216	63	1166270	51.751	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	626639	53.395	ug/L	97
22) 2-Butanone	7.167	43	358528	107.379	ug/L	99
23) Bromochloromethane	7.514	128	245769	51.065	ug/L	88
25) Chloroform	7.679	83	1054246	51.156	ug/L	99
27) 1,2-Dichloroethane	8.398	62	712254	51.503	ug/L	97
29) Cyclohexane	7.959	56	1213838	54.869	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	871730	51.329	ug/L	100
31) Carbon tetrachloride	8.069	117	783465	51.087	ug/L	97
33) Benzene	8.325	78	2441280	51.315	ug/L	100
34) Trichloroethene	9.093	95	622652	50.317	ug/L	92
35) Methylcyclohexane	9.337	83	1189219	53.220	ug/L	99
37) 1,2-Dichloropropane	9.368	63	643588	51.223	ug/L	99
38) Bromodichloromethane	9.642	83	740170	51.488	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	978281	54.280	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	761035	107.011	ug/L	100
42) Toluene	10.386	91	2529794	52.221	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	808667	54.413	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	408557	50.996	ug/L	98
46) Tetrachloroethene	10.861	164	439705	50.522	ug/L	95
48) 2-Hexanone	10.965	43	540996	110.098	ug/L	97
49) Dibromochloromethane	11.129	129	435337	51.610	ug/L	98
50) 1,2-Dibromoethane	11.233	107	388940	52.838	ug/L	100
51) Chlorobenzene	11.654	112	1516560	50.803	ug/L	97
52) Ethylbenzene	11.727	91	2893065	52.774	ug/L	99
53) m,p-Xylene	11.837	106	1065872	53.018	ug/L	100
54) o-Xylene	12.166	106	1013005	53.862	ug/L	93
55) Styrene	12.178	104	1704690	53.850	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	486781	50.727	ug/L	100
59) Bromoform	12.349	173	242653	53.019	ug/L	97
60) Isopropylbenzene	12.458	105	2838103	54.246	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	351799	50.822	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2344935	56.777	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	2204198	55.425	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1120427	51.677	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	1119762	50.571	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	995275	52.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	74181	48.851	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	758950	52.284	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	621308	52.690	ug/L	97
71) Naphthalene	15.360	128	1252075	56.905	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	535253	51.917	ug/L	98

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

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