Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027119.D
Acq On : 18 Sep 2023 11:05
Operator : SY/MD
Sample : VSTD02536
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025436

Quant Time: Sep 18 22:11:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 18 22:09:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	521735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	506334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191157	22.771	ug/L	0.00
7) Chloroethane-d5	2.893	69	150194	23.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	83789	23.281	ug/L	0.00
21) 2-Butanone-d5	7.075	46	77384	50.932	ug/L	0.00
24) Chloroform-d	7.648	84	375240	23.940	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	185877	24.303	ug/L	0.00
32) Benzene-d6	8.276	84	811792	24.826	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	225101	24.329	ug/L	0.00
41) Toluene-d8	10.325	98	732368	25.165	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	93208	24.929	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	62389	57.386	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186714	25.185	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	254722	23.554	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	139642	22.972	ug/L	100
3) Chloromethane	2.222	50	155740	24.455	ug/L	100
5) Vinyl chloride	2.375	62	204842	23.639	ug/L	100
6) Bromomethane	2.783	94	143795	23.895	ug/L	100
8) Chloroethane	2.930	64	123979	24.535	ug/L	100
9) Trichlorofluoromethane	3.265	101	169702	25.219	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	188234	24.277	ug/L	100
12) 1,1-Dichloroethene	4.039	96	189479	24.902	ug/L	100
13) Acetone	4.118	43	72866	49.621	ug/L	100
14) Carbon disulfide	4.393	76	629958	24.835	ug/L	100
15) Methyl Acetate	4.667	43	74457	25.679	ug/L	100
16) Methylene chloride	4.917	84	220500	22.214	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	206518	25.013	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	282471	25.746	ug/L	100
19) 1,1-Dichloroethane	6.216	63	363314	25.091	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	218943	25.211	ug/L	100
22) 2-Butanone	7.167	43	99742	51.222	ug/L	100
23) Bromochloromethane	7.514	128	98574	24.654	ug/L	100
25) Chloroform	7.673	83	366590	24.651	ug/L	100
27) 1,2-Dichloroethane	8.398	62	227926	25.293	ug/L	100
29) Cyclohexane	7.959	56	322643	26.622	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	302235	25.257	ug/L	100
31) Carbon tetrachloride	8.069	117	268681	25.337	ug/L	100
33) Benzene	8.325	78	855810	25.590	ug/L	100
34) Trichloroethene	9.093	95	220187	24.914	ug/L	100
35) Methylcyclohexane	9.337	83	401510	26.634	ug/L	100
37) 1,2-Dichloropropane	9.367	63	210781	25.380	ug/L	100
38) Bromodichloromethane	9.642	83	255837	25.190	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	320085	25.730	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	201513	54.102	ug/L	100
42) Toluene	10.386	91	927230	26.239	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	267946	25.665	ug/L	100

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Quant Title : SFAM01.0
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Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	1,1,2-Trichloroethane	10.788	97	163950	25.656	ug/L	100
46)	Tetrachloroethene	10.861	164	179471	24.093	ug/L	100
48)	2-Hexanone	10.965	43	149697	57.085	ug/L	100
49)	Dibromochloromethane	11.129	129	169055	25.279	ug/L	100
50)	1,2-Dibromoethane	11.233	107	148132	25.259	ug/L	100
51)	Chlorobenzene	11.654	112	587650	25.198	ug/L	100
52)	Ethylbenzene	11.727	91	1024077	26.423	ug/L	100
53)	m,p-Xylene	11.837	106	394691	26.555	ug/L	100
54)	o-Xylene	12.166	106	384990	27.189	ug/L	100
55)	Styrene	12.178	104	656954	27.077	ug/L	100
57)	1,1,2,2-Tetrachloroethane	12.714	83	194195	25.937	ug/L	100
59)	Bromoform	12.349	173	109209	24.894	ug/L	100
60)	Isopropylbenzene	12.458	105	1044739	25.751	ug/L	100
61)	1,2,3-Trichloropropane	12.769	75	135214	23.941	ug/L	100
62)	1,3,5-Trimethylbenzene	12.940	105	837237	25.786	ug/L	100
63)	1,2,4-Trimethylbenzene	13.245	105	828005	26.320	ug/L	100
64)	1,3-Dichlorobenzene	13.495	146	466171	24.298	ug/L	100
65)	1,4-Dichlorobenzene	13.574	146	475416	23.843	ug/L	100
67)	1,2-Dichlorobenzene	13.867	146	418462	23.864	ug/L	100
68)	1,2-Dibromo-3-chloropr...	14.482	75	28739	22.979	ug/L	100
69)	1,3,5-Trichlorobenzene	14.623	180	323993	23.460	ug/L	100
70)	1,2,4-trichlorobenzene	15.129	180	253495	23.160	ug/L	100
71)	Naphthalene	15.360	128	448301	24.621	ug/L	100
72)	1,2,3-Trichlorobenzene	15.549	180	225032	22.775	ug/L	100

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

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