Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
Data File : VW028351.D
Acq On : 08 Apr 2024 11:22
Operator : SY/MD
Sample : VSTD02530
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025430

Quant Time: Apr 09 01:12:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 09 01:10:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	298662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	278923	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	119077	24.870	ug/L	0.00
7) Chloroethane-d5	2.899	69	92583	25.516	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	50666	24.988	ug/L	0.00
21) 2-Butanone-d5	7.081	46	44547	51.710	ug/L	0.00
24) Chloroform-d	7.648	84	209222	26.846	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	110851	27.370	ug/L	0.00
32) Benzene-d6	8.276	84	414456	27.200	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	121008	26.717	ug/L	0.00
41) Toluene-d8	10.318	98	378382	27.309	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	48219	26.775	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	31498	52.121	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85564	26.776	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	119630	27.976	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	94882	23.621	ug/L	100
3) Chloromethane	2.222	50	109485	23.215	ug/L	100
5) Vinyl chloride	2.375	62	131278	23.374	ug/L	100
6) Bromomethane	2.789	94	82084	23.392	ug/L	100
8) Chloroethane	2.936	64	80699	23.835	ug/L	100
9) Trichlorofluoromethane	3.277	101	105987	23.655	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	99697	23.732	ug/L	100
12) 1,1-Dichloroethene	4.045	96	93192	23.697	ug/L	100
13) Acetone	4.124	43	53385	51.172	ug/L	100
14) Carbon disulfide	4.393	76	311949	23.939	ug/L	100
15) Methyl Acetate	4.673	43	39944	22.567	ug/L	100
16) Methylene chloride	4.923	84	95674	21.229	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	98417	23.606	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	141817	24.234	ug/L	100
19) 1,1-Dichloroethane	6.222	63	195280	23.989	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	105723	23.892	ug/L	100
22) 2-Butanone	7.173	43	62015	48.708	ug/L	100
23) Bromochloromethane	7.514	128	44666	23.435	ug/L	100
25) Chloroform	7.679	83	190442	23.866	ug/L	100
27) 1,2-Dichloroethane	8.398	62	131034	23.792	ug/L	100
29) Cyclohexane	7.959	56	180335	24.477	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	158349	23.408	ug/L	100
31) Carbon tetrachloride	8.069	117	143549	23.930	ug/L	100
33) Benzene	8.325	78	417141	23.920	ug/L	100
34) Trichloroethene	9.093	95	110990	23.485	ug/L	100
35) Methylcyclohexane	9.337	83	193897	24.041	ug/L	100
37) 1,2-Dichloropropane	9.367	63	106428	23.415	ug/L	100
38) Bromodichloromethane	9.648	83	130437	23.152	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	163303	24.463	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	109254	47.992	ug/L	100
42) Toluene	10.385	91	440446	23.840	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	130687	24.236	ug/L	100

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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	70682	22.987	ug/L	100
46) Tetrachloroethene	10.861	164	84165	23.842	ug/L	100
48) 2-Hexanone	10.965	43	90844	51.545	ug/L	100
49) Dibromochloromethane	11.123	129	77252	23.504	ug/L	100
50) 1,2-Dibromoethane	11.233	107	65384	23.296	ug/L	100
51) Chlorobenzene	11.654	112	269017	23.426	ug/L	100
52) Ethylbenzene	11.727	91	504210	24.076	ug/L	100
53) m,p-Xylene	11.836	106	189338	24.311	ug/L	100
54) o-Xylene	12.160	106	178250	24.581	ug/L	100
55) Styrene	12.178	104	300655	24.360	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	82325	23.656	ug/L	100
59) Bromoform	12.342	173	42516	23.821	ug/L	100
60) Isopropylbenzene	12.458	105	499141	24.623	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	58639	23.720	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	325687	25.208	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	397980	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	208280	24.215	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	206450	23.595	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	183243	24.220	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	12119	21.393	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	137630	23.253	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	116196	25.139	ug/L	100
71) Naphthalene	15.360	128	202717	24.782	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	99408	24.237	ug/L	100

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

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