Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
Data File : VW030136.D
Acq On : 16 Sep 2024 16:09
Operator : SY/MD
Sample : VSTD10074
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100474

Quant Time: Sep 17 04:21:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 17 04:16:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	243722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	288473	85.651	ug/L	0.00
7) Chloroethane-d5	2.899	69	212245	89.262	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	154331	91.708	ug/L	0.00
21) 2-Butanone-d5	7.075	46	172568	212.784	ug/L	0.00
24) Chloroform-d	7.648	84	670398	93.488	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	336479	93.440	ug/L	0.00
32) Benzene-d6	8.276	84	1296328	92.328	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	402704	92.895	ug/L	0.00
41) Toluene-d8	10.318	98	1195806	95.039	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	173338	99.804	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	154003	232.159	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	303714	94.104	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	374505	93.000	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	278082	98.871	ug/L	93
3) Chloromethane	2.228	50	259625	96.694	ug/L	100
5) Vinyl chloride	2.375	62	293949	88.834	ug/L	99
6) Bromomethane	2.789	94	179562	90.582	ug/L	97
8) Chloroethane	2.936	64	174431	88.324	ug/L	96
9) Trichlorofluoromethane	3.271	101	379374	97.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	326213	93.085	ug/L	98
12) 1,1-Dichloroethene	4.045	96	301110	96.721	ug/L	99
13) Acetone	4.124	43	178883	192.893	ug/L	99
14) Carbon disulfide	4.387	76	802460	90.739	ug/L	99
15) Methyl Acetate	4.673	43	147153	97.252	ug/L	99
16) Methylene chloride	4.917	84	326036	84.779	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	327166	95.330	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	558158	103.195	ug/L	98
19) 1,1-Dichloroethane	6.222	63	660394	94.764	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	377407	100.204	ug/L	97
22) 2-Butanone	7.167	43	225606	210.124	ug/L	99
23) Bromochloromethane	7.514	128	158570	94.208	ug/L	92
25) Chloroform	7.679	83	672017	94.944	ug/L	97
27) 1,2-Dichloroethane	8.398	62	413329	93.124	ug/L	100
29) Cyclohexane	7.959	56	533740	102.788	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	557302	94.536	ug/L	99
31) Carbon tetrachloride	8.069	117	495214	92.445	ug/L	97
33) Benzene	8.325	78	1387130	93.089	ug/L	100
34) Trichloroethene	9.093	95	376811	93.676	ug/L	98
35) Methylcyclohexane	9.337	83	604624	97.499	ug/L	99
37) 1,2-Dichloropropane	9.367	63	379411	93.941	ug/L	99
38) Bromodichloromethane	9.642	83	487894	95.934	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	611872	103.559	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	437681	212.085	ug/L	100
42) Toluene	10.385	91	1521011	96.196	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	517940	104.207	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	10.782	97	277575	94.450	ug/L		95
46) Tetrachloroethene	10.861	164	280089	94.366	ug/L		90
48) 2-Hexanone	10.965	43	329636	207.713	ug/L		99
49) Dibromochloromethane	11.129	129	320580	100.228	ug/L		97
50) 1,2-Dibromoethane	11.233	107	263248	97.145	ug/L		97
51) Chlorobenzene	11.654	112	982257	96.179	ug/L		92
52) Ethylbenzene	11.727	91	1799248	99.410	ug/L		97
53) m,p-Xylene	11.836	106	660325	98.881	ug/L		97
54) o-Xylene	12.166	106	638432	101.596	ug/L		93
55) Styrene	12.178	104	1080004	99.084	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	332164	94.692	ug/L		98
59) Bromoform	12.349	173	189684	101.032	ug/L		99
60) Isopropylbenzene	12.458	105	1814413	103.883	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	231788	93.923	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	1459250	113.992	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	1383728	103.975	ug/L		95
64) 1,3-Dichlorobenzene	13.495	146	755108	97.550	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	753755	94.253	ug/L		94
67) 1,2-Dichlorobenzene	13.867	146	658023	94.325	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	53294	99.016	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.623	180	536792	99.350	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	453168	103.541	ug/L		99
71) Naphthalene	15.360	128	882278	111.010	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	395304	102.998	ug/L		95

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

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