

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030283.D
 Acq On : 27 Sep 2024 16:25
 Operator : SY/MD
 Sample : VSTD10007
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100407

Quant Time: Sep 28 01:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 28 01:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	189394	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	90173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	141619	95.690	ug/L	0.00
7) Chloroethane-d5	2.899	69	109823	101.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	113314	104.890	ug/L	0.00
21) 2-Butanone-d5	7.075	46	125732	211.255	ug/L	0.00
24) Chloroform-d	7.648	84	532073	104.573	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	276275	104.028	ug/L	0.00
32) Benzene-d6	8.276	84	1052960	107.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	314018	106.122	ug/L	0.00
41) Toluene-d8	10.324	98	978311	108.443	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	137451	111.678	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	113602	232.495	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228156	103.186	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	308727	103.121	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	224001	108.205	ug/L	95
3) Chloromethane	2.228	50	151659	93.516	ug/L	98
5) Vinyl chloride	2.381	62	161674	93.778	ug/L	98
6) Bromomethane	2.789	94	105567	92.001	ug/L	93
8) Chloroethane	2.935	64	87598	91.944	ug/L	97
9) Trichlorofluoromethane	3.271	101	242458	109.172	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	223701	98.828	ug/L	92
12) 1,1-Dichloroethene	4.051	96	218684	99.385	ug/L	96
13) Acetone	4.124	43	117517	183.659	ug/L	99
14) Carbon disulfide	4.392	76	713655	97.531	ug/L	99
15) Methyl Acetate	4.673	43	97785	94.960	ug/L	99
16) Methylene chloride	4.923	84	230144	78.951	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	247324	96.826	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	392503	96.611	ug/L	99
19) 1,1-Dichloroethane	6.221	63	469272	96.471	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	279370	98.992	ug/L	98
22) 2-Butanone	7.172	43	148731	181.142	ug/L	98
23) Bromochloromethane	7.514	128	114869	93.235	ug/L	97
25) Chloroform	7.678	83	481372	95.420	ug/L	96
27) 1,2-Dichloroethane	8.398	62	305396	91.282	ug/L	99
29) Cyclohexane	7.959	56	408402	105.545	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	395534	97.271	ug/L	99
31) Carbon tetrachloride	8.069	117	369914	101.786	ug/L	99
33) Benzene	8.325	78	1024442	95.817	ug/L	100
34) Trichloroethene	9.093	95	277657	97.631	ug/L	94
35) Methylcyclohexane	9.337	83	449146	102.911	ug/L	98
37) 1,2-Dichloropropane	9.367	63	265229	94.021	ug/L	100
38) Bromodichloromethane	9.641	83	348189	98.312	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	447118	103.369	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	284294	195.937	ug/L	99
42) Toluene	10.385	91	1130797	98.795	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	367269	102.472	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	186422	93.776	ug/L	99
46) Tetrachloroethene	10.855	164	211078	99.231	ug/L	91
48) 2-Hexanone	10.964	43	215170	201.392	ug/L	99
49) Dibromochloromethane	11.129	129	223402	99.861	ug/L	94
50) 1,2-Dibromoethane	11.233	107	177312	94.264	ug/L	96
51) Chlorobenzene	11.653	112	704767	95.282	ug/L	93
52) Ethylbenzene	11.726	91	1300038	100.259	ug/L	100
53) m,p-Xylene	11.836	106	489326	101.090	ug/L	100
54) o-Xylene	12.159	106	455453	98.857	ug/L	98
55) Styrene	12.178	104	804037	102.302	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	217749	93.526	ug/L	100
59) Bromoform	12.348	173	130336	99.770	ug/L	97
60) Isopropylbenzene	12.458	105	1263206	98.696	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	155774	90.871	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1056766	102.078	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1017247	99.453	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	549713	96.108	ug/L	81
65) 1,4-Dichlorobenzene	13.574	146	525902	90.004	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	483045	94.729	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	36117	91.955	ug/L	94
69) 1,3,5-Trichlorobenzene	14.628	180	364813	92.410	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	316196	96.739	ug/L	99
71) Naphthalene	15.360	128	617548	103.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	266403	93.115	ug/L	95

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

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