

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027830.D
 Acq On : 08 Jan 2024 14:39
 Operator : SY/MD
 Sample : VSTD02506
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025406

Quant Time: Jan 09 03:52:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	331325	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301599	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	151596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94435	23.323	ug/L	0.00
7) Chloroethane-d5	2.905	69	84358	23.797	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	40816	22.433	ug/L	0.00
21) 2-Butanone-d5	7.088	46	37092	55.145	ug/L	0.00
24) Chloroform-d	7.655	84	192976	24.102	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	90054	24.792	ug/L	0.00
32) Benzene-d6	8.276	84	414952	24.478	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	116457	24.561	ug/L	0.00
41) Toluene-d8	10.319	98	392388	24.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	45617	25.247	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	34873	56.343	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90268	26.978	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	133469	24.849	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	86285	27.054	ug/L	100
3) Chloromethane	2.229	50	107901	25.166	ug/L	100
5) Vinyl chloride	2.375	62	115174	26.714	ug/L	100
6) Bromomethane	2.796	94	84240	24.967	ug/L	100
8) Chloroethane	2.942	64	75200	25.811	ug/L	100
9) Trichlorofluoromethane	3.277	101	125618	25.458	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101736	25.347	ug/L	100
12) 1,1-Dichloroethene	4.045	96	99276	25.088	ug/L	100
13) Acetone	4.149	43	39023	47.951	ug/L	100
14) Carbon disulfide	4.387	76	303304	25.067	ug/L	100
15) Methyl Acetate	4.686	43	31771	28.128	ug/L	100
16) Methylene chloride	4.923	84	103835	21.357	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	105486	25.019	ug/L	100
18) Methyl tert-butyl Ether	5.435	73	138258	26.700	ug/L	100
19) 1,1-Dichloroethane	6.222	63	180998	25.292	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	113787	25.047	ug/L	100
22) 2-Butanone	7.185	43	45467	54.757	ug/L	100
23) Bromochloromethane	7.514	128	50817	25.485	ug/L	100
25) Chloroform	7.679	83	185124	24.939	ug/L	100
27) 1,2-Dichloroethane	8.398	62	108436	25.946	ug/L	100
29) Cyclohexane	7.959	56	157975	25.743	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	152737	25.279	ug/L	100
31) Carbon tetrachloride	8.069	117	134383	25.534	ug/L	100
33) Benzene	8.325	78	422545	25.440	ug/L	100
34) Trichloroethene	9.093	95	112280	24.678	ug/L	100
35) Methylcyclohexane	9.337	83	194716	25.452	ug/L	100
37) 1,2-Dichloropropane	9.368	63	101946	25.537	ug/L	100
38) Bromodichloromethane	9.642	83	128054	25.597	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	160058	25.840	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	89027	56.826	ug/L	100
42) Toluene	10.386	91	460439	25.314	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	126573	26.523	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	79769	26.657	ug/L	100
46) Tetrachloroethene	10.861	164	93038	25.396	ug/L	100
48) 2-Hexanone	10.965	43	66679	58.171	ug/L	100
49) Dibromochloromethane	11.130	129	84478	25.968	ug/L	100
50) 1,2-Dibromoethane	11.233	107	73814	26.934	ug/L	100
51) Chlorobenzene	11.654	112	305512	25.568	ug/L	100
52) Ethylbenzene	11.727	91	522595	25.521	ug/L	100
53) m,p-Xylene	11.837	106	202406	25.537	ug/L	100
54) o-Xylene	12.166	106	191377	25.734	ug/L	100
55) Styrene	12.178	104	330292	26.185	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	89813	27.621	ug/L	100
59) Bromoform	12.343	173	50435	26.992	ug/L	100
60) Isopropylbenzene	12.459	105	530417	25.409	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63043	27.169	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	425097	25.652	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	424620	25.681	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	238630	25.215	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	232084	24.894	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	204645	24.812	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	12101	27.132	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	171380	25.934	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	141830	26.486	ug/L	100
71) Naphthalene	15.360	128	244059	27.379	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	119774	26.463	ug/L	100

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

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