

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025216.D
 Acq On : 03 Jan 2023 13:28
 Operator : SY/MD
 Sample : VSTD02501
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025401

Quant Time: Jan 04 00:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	526955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	463176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	223612	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	151262	24.725	ug/L	0.00
7) Chloroethane-d5	2.885	69	92863	24.091	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	325828	24.317	ug/L	0.00
21) 2-Butanone-d5	7.074	46	72564	46.801	ug/L	0.00
24) Chloroform-d	7.647	84	318254	24.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	161419	23.727	ug/L	0.00
32) Benzene-d6	8.275	84	675414	24.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	194898	23.955	ug/L	0.00
41) Toluene-d8	10.323	98	605517	23.921	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	83320	23.916	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	61904	48.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137922	24.241	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	184898	23.272	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	63361	21.199	ug/L	100
3) Chloromethane	2.215	50	119845	22.747	ug/L	100
5) Vinyl chloride	2.361	62	159854	23.788	ug/L	100
6) Bromomethane	2.776	94	82087	23.272	ug/L	100
8) Chloroethane	2.922	64	74148	23.673	ug/L	100
9) Trichlorofluoromethane	3.257	101	110830	23.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	160126	23.638	ug/L	100
12) 1,1-Dichloroethene	4.038	96	156377	23.936	ug/L	100
13) Acetone	4.123	43	75923	41.870	ug/L	100
14) Carbon disulfide	4.385	76	519023	23.977	ug/L	100
15) Methyl Acetate	4.678	43	58742	22.421	ug/L	100
16) Methylene chloride	4.915	84	165233	20.273	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	166790	23.835	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	232189	23.672	ug/L	100
19) 1,1-Dichloroethane	6.220	63	292245	23.740	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	171649	23.601	ug/L	100
22) 2-Butanone	7.171	43	90350	44.842	ug/L	100
23) Bromochloromethane	7.513	128	70960	23.374	ug/L	100
25) Chloroform	7.677	83	285384	23.579	ug/L	100
27) 1,2-Dichloroethane	8.403	62	176723	23.591	ug/L	100
29) Cyclohexane	7.958	56	289652	23.725	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	241935	23.519	ug/L	100
31) Carbon tetrachloride	8.067	117	220511	23.538	ug/L	100
33) Benzene	8.323	78	666862	23.817	ug/L	100
34) Trichloroethene	9.092	95	172471	23.620	ug/L	100
35) Methylcyclohexane	9.335	83	313801	23.682	ug/L	100
37) 1,2-Dichloropropane	9.366	63	162181	23.555	ug/L	100
38) Bromodichloromethane	9.646	83	201948	23.463	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	254372	24.220	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	167947	46.739	ug/L	100
42) Toluene	10.384	91	702552	23.855	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	212374	23.637	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	110068	23.047	ug/L	100
46) Tetrachloroethene	10.860	164	123476	23.015	ug/L	100
48) 2-Hexanone	10.969	43	126814	46.018	ug/L	100
49) Dibromochloromethane	11.128	129	131185	23.537	ug/L	100
50) 1,2-Dibromoethane	11.237	107	105201	23.285	ug/L	100
51) Chlorobenzene	11.658	112	434595	23.627	ug/L	100
52) Ethylbenzene	11.731	91	789139	24.045	ug/L	100
53) m,p-Xylene	11.835	106	303636	23.940	ug/L	100
54) o-Xylene	12.164	106	285797	24.483	ug/L	100
55) Styrene	12.176	104	492881	24.845	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	127517	23.944	ug/L	100
59) Bromoform	12.347	173	64931	22.014	ug/L	100
60) Isopropylbenzene	12.463	105	771122	22.886	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	94562	22.668	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	672543	23.543	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	664690	23.587	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	321259	23.327	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	312604	22.904	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	276639	23.274	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	19238	20.589	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	197033	20.080	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	164810	19.780	ug/L	100
71) Naphthalene	15.359	128	357580	21.897	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	159080	22.258	ug/L	100

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

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