

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024347.D
 Acq On : 26 Aug 2022 12:04
 Operator : SY/VA
 Sample : VSTD02521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025421

Quant Time: Aug 26 23:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	247599	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	267176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	157187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	182542	26.745	ug/L	0.00
7) Chloroethane-d5	2.873	69	133065	26.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	146813	25.369	ug/L	0.00
21) 2-Butanone-d5	7.080	46	64434	53.128	ug/L	0.00
24) Chloroform-d	7.647	84	204540	25.696	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	130751	27.086	ug/L	0.00
32) Benzene-d6	8.275	84	393451	25.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	121868	25.599	ug/L	0.00
41) Toluene-d8	10.323	98	393746	27.053	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	58657	26.240	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	59769	56.314	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	147092	27.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	156273	26.401	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	58325	22.927	ug/L	100
3) Chloromethane	2.215	50	112634	24.272	ug/L	100
5) Vinyl chloride	2.349	62	211162	26.071	ug/L	100
6) Bromomethane	2.763	94	136123	23.944	ug/L	100
8) Chloroethane	2.910	64	104156	24.335	ug/L	100
9) Trichlorofluoromethane	3.245	101	97018	25.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	88000	24.175	ug/L	100
12) 1,1-Dichloroethene	4.031	96	72522	24.522	ug/L	100
13) Acetone	4.129	43	34780	45.786	ug/L	100
14) Carbon disulfide	4.373	76	236054	24.016	ug/L	100
15) Methyl Acetate	4.672	43	44291	24.205	ug/L	100
16) Methylene chloride	4.909	84	86431	21.098	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	90078	25.732	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	146108	25.490	ug/L	100
19) 1,1-Dichloroethane	6.208	63	160197	24.200	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	96474	25.061	ug/L	100
22) 2-Butanone	7.171	43	64652	48.360	ug/L	100
23) Bromochloromethane	7.513	128	45955	24.447	ug/L	100
25) Chloroform	7.671	83	178884	24.356	ug/L	100
27) 1,2-Dichloroethane	8.396	62	136112	25.460	ug/L	100
29) Cyclohexane	7.951	56	153212	26.599	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	150237	23.851	ug/L	100
31) Carbon tetrachloride	8.067	117	137390	23.841	ug/L	100
33) Benzene	8.323	78	431963	25.976	ug/L	100
34) Trichloroethene	9.091	95	100046	22.820	ug/L	100
35) Methylcyclohexane	9.335	83	185843	26.416	ug/L	100
37) 1,2-Dichloropropane	9.366	63	106968	25.049	ug/L	100
38) Bromodichloromethane	9.640	83	144450	24.709	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	156306	26.047	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	160450	53.104	ug/L	100
42) Toluene	10.384	91	499922	27.232	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	154109	26.429	ug/L	100

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

45) 1,1,2-Trichloroethane	10.786	97	89775	25.645	ug/L	100
46) Tetrachloroethene	10.859	164	86479	25.398	ug/L	100
48) 2-Hexanone	10.969	43	122453	54.397	ug/L	100
49) Dibromochloromethane	11.128	129	106690	25.768	ug/L	100
50) 1,2-Dibromoethane	11.231	107	86711	25.764	ug/L	100
51) Chlorobenzene	11.658	112	314508	25.525	ug/L	100
52) Ethylbenzene	11.731	91	556118	27.401	ug/L	100
53) m,p-Xylene	11.835	106	217048	27.231	ug/L	100
54) o-Xylene	12.164	106	209350	28.096	ug/L	100
55) Styrene	12.176	104	377217	28.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	128129	26.222	ug/L	100
59) Bromoform	12.347	173	61895	24.537	ug/L	100
60) Isopropylbenzene	12.463	105	566452	27.132	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89701	25.144	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	479122	28.461	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	468389	28.645	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	256750	25.722	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	266239	25.263	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	239037	25.547	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21001	23.516	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	160527	24.916	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	127058	25.369	ug/L	100
71) Naphthalene	15.365	128	301798	27.438	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	123290	26.047	ug/L	100

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

