

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030025.D
 Acq On : 26 Aug 2024 12:50
 Operator : SY/MD
 Sample : VSTD05067
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050467

Quant Time: Aug 27 05:15:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	327693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	218879	44.884	ug/L	0.00
7) Chloroethane-d5	2.899	69	159265	46.017	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	95590	45.881	ug/L	0.00
21) 2-Butanone-d5	7.081	46	97013	99.818	ug/L	0.00
24) Chloroform-d	7.648	84	425440	48.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	217104	48.383	ug/L	0.00
32) Benzene-d6	8.276	84	839887	47.609	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	252051	48.767	ug/L	0.00
41) Toluene-d8	10.324	98	794091	49.455	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	109420	51.466	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	85764	108.420	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	193152	50.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	247970	48.905	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	193688	54.403	ug/L	95
3) Chloromethane	2.228	50	234801	53.591	ug/L	93
5) Vinyl chloride	2.375	62	265872	51.340	ug/L	96
6) Bromomethane	2.789	94	168960	52.501	ug/L	98
8) Chloroethane	2.936	64	154486	51.769	ug/L	99
9) Trichlorofluoromethane	3.265	101	245302	54.700	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	217885	52.690	ug/L	96
12) 1,1-Dichloroethene	4.045	96	219278	52.281	ug/L	90
13) Acetone	4.143	43	93035	105.218	ug/L	98
14) Carbon disulfide	4.393	76	707620	54.305	ug/L	97
15) Methyl Acetate	4.679	43	94349	54.830	ug/L	100
16) Methylene chloride	4.917	84	237569	43.886	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	247092	53.191	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	388556	54.694	ug/L	100
19) 1,1-Dichloroethane	6.221	63	452144	52.379	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	271495	52.879	ug/L	87
22) 2-Butanone	7.173	43	133182	106.651	ug/L	99
23) Bromochloromethane	7.514	128	114477	52.568	ug/L	98
25) Chloroform	7.672	83	458613	51.941	ug/L	100
27) 1,2-Dichloroethane	8.404	62	297269	52.597	ug/L	100
29) Cyclohexane	7.953	56	391507	54.593	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	369500	52.785	ug/L	98
31) Carbon tetrachloride	8.069	117	331210	52.665	ug/L	98
33) Benzene	8.325	78	986041	51.495	ug/L	100
34) Trichloroethene	9.093	95	270699	52.500	ug/L	95
35) Methylcyclohexane	9.331	83	448212	53.076	ug/L	99
37) 1,2-Dichloropropane	9.367	63	254885	52.565	ug/L	100
38) Bromodichloromethane	9.642	83	327754	53.571	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	411492	55.136	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	273802	113.437	ug/L	99
42) Toluene	10.385	91	1078482	52.888	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	338035	55.974	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	187720	52.819	ug/L	96
46) Tetrachloroethene	10.861	164	197674	50.512	ug/L	91
48) 2-Hexanone	10.965	43	194847	113.554	ug/L	96
49) Dibromochloromethane	11.129	129	207362	54.912	ug/L	99
50) 1,2-Dibromoethane	11.233	107	181113	54.555	ug/L	97
51) Chlorobenzene	11.653	112	680327	52.178	ug/L	96
52) Ethylbenzene	11.727	91	1237256	53.549	ug/L	98
53) m,p-Xylene	11.836	106	457076	53.009	ug/L	98
54) o-Xylene	12.159	106	442307	53.445	ug/L	95
55) Styrene	12.178	104	746423	53.830	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	216462	54.086	ug/L	99
59) Bromoform	12.348	173	117818	56.438	ug/L	95
60) Isopropylbenzene	12.458	105	1165643	52.119	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	152261	53.419	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	944375	56.790	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	956296	54.559	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	506597	53.135	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	494902	51.383	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	447313	52.446	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	33536	54.965	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	312010	50.124	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	272656	50.609	ug/L	96
71) Naphthalene	15.360	128	582684	56.639	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	247747	52.390	ug/L	95

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

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