

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030475.D
 Acq On : 09 Oct 2024 15:24
 Operator : SY/MD
 Sample : VSTD10013
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100413

Quant Time: Oct 10 01:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	347330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	532107	89.758	ug/L	0.00
7) Chloroethane-d5	2.899	69	429600	95.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	237906	96.486	ug/L	0.00
21) 2-Butanone-d5	7.075	46	216718	202.862	ug/L	0.00
24) Chloroform-d	7.648	84	1070803	99.279	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	546892	97.510	ug/L	0.00
32) Benzene-d6	8.276	84	1971795	97.812	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	582140	98.387	ug/L	0.00
41) Toluene-d8	10.325	98	1924092	104.554	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	272301	109.905	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	181252	237.836	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	434750	100.050	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	599871	102.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	492348	102.176	ug/L	97
3) Chloromethane	2.229	50	557218	99.496	ug/L	100
5) Vinyl chloride	2.375	62	633779	92.022	ug/L	100
6) Bromomethane	2.789	94	436905	96.379	ug/L	94
8) Chloroethane	2.936	64	394324	93.659	ug/L	99
9) Trichlorofluoromethane	3.271	101	629942	102.221	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	509411	98.299	ug/L	98
12) 1,1-Dichloroethene	4.045	96	502154	99.239	ug/L	96
13) Acetone	4.119	43	316187	205.957	ug/L	98
14) Carbon disulfide	4.387	76	1582301	95.759	ug/L	99
15) Methyl Acetate	4.667	43	186944	95.581	ug/L	98
16) Methylene chloride	4.917	84	500985	87.865	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	536756	98.305	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	789950	103.374	ug/L	99
19) 1,1-Dichloroethane	6.222	63	978984	96.470	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	593350	101.883	ug/L	94
22) 2-Butanone	7.167	43	352798	221.324	ug/L	99
23) Bromochloromethane	7.514	128	242257	95.086	ug/L	91
25) Chloroform	7.679	83	1032213	95.182	ug/L	98
27) 1,2-Dichloroethane	8.398	62	668177	93.394	ug/L	100
29) Cyclohexane	7.959	56	895475	105.913	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	883503	95.822	ug/L	97
31) Carbon tetrachloride	8.069	117	792810	96.273	ug/L	99
33) Benzene	8.325	78	2149639	95.106	ug/L	100
34) Trichloroethene	9.093	95	604952	96.204	ug/L	95
35) Methylcyclohexane	9.337	83	984969	99.530	ug/L	99
37) 1,2-Dichloropropane	9.368	63	537277	95.038	ug/L	100
38) Bromodichloromethane	9.642	83	737654	98.214	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	906099	106.413	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	571266	210.647	ug/L	99
42) Toluene	10.386	91	2368290	98.214	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	759879	106.198	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	391606	95.985	ug/L	99
46) Tetrachloroethene	10.861	164	438782	94.608	ug/L	94
48) 2-Hexanone	10.965	43	494632	223.029	ug/L	99
49) Dibromochloromethane	11.129	129	442753	97.259	ug/L	98
50) 1,2-Dibromoethane	11.233	107	372622	97.879	ug/L	96
51) Chlorobenzene	11.654	112	1530299	98.584	ug/L	99
52) Ethylbenzene	11.727	91	2780226	101.043	ug/L	97
53) m,p-Xylene	11.837	106	1058639	102.697	ug/L	97
54) o-Xylene	12.166	106	1012315	106.222	ug/L	96
55) Styrene	12.178	104	1700826	104.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	433547	94.232	ug/L	96
59) Bromoform	12.343	173	250163	102.935	ug/L	98
60) Isopropylbenzene	12.458	105	2772045	103.482	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	312658	92.888	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2313506	109.470	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	2197305	106.191	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1124090	96.405	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	1138665	94.576	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	965333	94.083	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	70246	93.569	ug/L	90
69) 1,3,5-Trichlorobenzene	14.629	180	760686	98.932	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	647289	104.571	ug/L	98
71) Naphthalene	15.360	128	1220473	114.125	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	532139	99.166	ug/L	98

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

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