

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030282.D
 Acq On : 27 Sep 2024 16:01
 Operator : SY/MD
 Sample : VSTD05006
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050406

Quant Time: Sep 28 01:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 28 01:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	197744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91735	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75479	48.847	ug/L	0.00
7) Chloroethane-d5	2.899	69	55075	48.986	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	56320	49.931	ug/L	0.00
21) 2-Butanone-d5	7.075	46	59971	96.508	ug/L	0.00
24) Chloroform-d	7.654	84	260420	49.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	135593	48.900	ug/L	0.00
32) Benzene-d6	8.276	84	514312	51.392	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	153880	51.124	ug/L	0.00
41) Toluene-d8	10.325	98	479572	52.260	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	65508	52.324	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	54408	109.466	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114019	50.694	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	154263	50.649	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	110800	51.262	ug/L	99
3) Chloromethane	2.229	50	80939	47.801	ug/L	99
5) Vinyl chloride	2.375	62	88668	49.260	ug/L	94
6) Bromomethane	2.789	94	56645	47.281	ug/L	93
8) Chloroethane	2.936	64	48361	48.617	ug/L	98
9) Trichlorofluoromethane	3.271	101	129578	55.882	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	111231	47.065	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	117840	51.293	ug/L	98
13) Acetone	4.118	43	62685	93.829	ug/L	99
14) Carbon disulfide	4.393	76	381027	49.874	ug/L	99
15) Methyl Acetate	4.667	43	52089	48.448	ug/L	98
16) Methylene chloride	4.917	84	123464	40.566	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	132514	49.688	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	206815	48.756	ug/L	100
19) 1,1-Dichloroethane	6.216	63	246671	48.568	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	144751	49.125	ug/L	98
22) 2-Butanone	7.167	43	79960	93.273	ug/L	99
23) Bromochloromethane	7.520	128	61116	47.511	ug/L	84
25) Chloroform	7.679	83	255265	48.463	ug/L	94
27) 1,2-Dichloroethane	8.398	62	167176	47.858	ug/L	100
29) Cyclohexane	7.959	56	221803	56.352	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	212775	51.441	ug/L	98
31) Carbon tetrachloride	8.069	117	195477	52.878	ug/L	97
33) Benzene	8.325	78	552468	50.799	ug/L	100
34) Trichloroethene	9.093	95	148547	51.349	ug/L	97
35) Methylcyclohexane	9.337	83	241814	54.469	ug/L	96
37) 1,2-Dichloropropane	9.367	63	139889	48.750	ug/L	100
38) Bromodichloromethane	9.642	83	182845	50.753	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	231683	52.657	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	151325	102.529	ug/L	99
42) Toluene	10.386	91	598353	51.392	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	193067	52.956	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	100144	49.523	ug/L	97
46) Tetrachloroethene	10.861	164	110032	50.852	ug/L	94
48) 2-Hexanone	10.965	43	115237	106.033	ug/L	99
49) Dibromochloromethane	11.129	129	117808	51.769	ug/L	88
50) 1,2-Dibromoethane	11.233	107	94435	49.355	ug/L	99
51) Chlorobenzene	11.654	112	372920	49.564	ug/L	96
52) Ethylbenzene	11.727	91	681822	51.693	ug/L	97
53) m,p-Xylene	11.837	106	258747	52.550	ug/L	98
54) o-Xylene	12.160	106	245216	52.324	ug/L	92
55) Styrene	12.178	104	418040	52.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	113619	47.975	ug/L	96
59) Bromoform	12.349	173	66660	50.158	ug/L	99
60) Isopropylbenzene	12.458	105	690332	53.018	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82885	47.528	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	563652	53.519	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	556685	53.498	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	286619	49.257	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	289790	48.751	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259826	50.086	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18943	47.408	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	199809	49.751	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	170391	51.243	ug/L	97
71) Naphthalene	15.360	128	323844	53.245	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	148381	50.980	ug/L	97

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

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