

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030281.D
 Acq On : 27 Sep 2024 15:37
 Operator : SY/MD
 Sample : VSTD02505
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025405

Quant Time: Sep 28 01:46:14 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	198500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	188245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	37128	23.936	ug/L	0.00
7) Chloroethane-d5	2.899	69	27722	24.563	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	28269	24.967	ug/L	0.00
21) 2-Butanone-d5	7.075	46	30911	49.554	ug/L	0.00
24) Chloroform-d	7.648	84	133972	25.123	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	70798	25.435	ug/L	0.00
32) Benzene-d6	8.276	84	263587	24.983	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	78794	24.831	ug/L	0.00
41) Toluene-d8	10.319	98	244841	25.308	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	33549	25.418	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	27467	52.418	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59218	24.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	81039	25.466	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	54050	24.911	ug/L	100
3) Chloromethane	2.223	50	41349	24.327	ug/L	100
5) Vinyl chloride	2.375	62	44362	24.552	ug/L	100
6) Bromomethane	2.789	94	28878	24.013	ug/L	100
8) Chloroethane	2.930	64	24927	24.964	ug/L	100
9) Trichlorofluoromethane	3.271	101	60410	25.953	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	58688	24.738	ug/L	100
12) 1,1-Dichloroethene	4.045	96	58310	25.284	ug/L	100
13) Acetone	4.119	43	34118	50.875	ug/L	100
14) Carbon disulfide	4.393	76	194218	25.325	ug/L	100
15) Methyl Acetate	4.673	43	26906	24.930	ug/L	100
16) Methylene chloride	4.923	84	67605	22.128	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	67553	25.233	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	107760	25.307	ug/L	100
19) 1,1-Dichloroethane	6.216	63	130279	25.554	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	74623	25.229	ug/L	100
22) 2-Butanone	7.167	43	42782	49.715	ug/L	100
23) Bromochloromethane	7.514	128	31363	24.288	ug/L	100
25) Chloroform	7.679	83	132924	25.140	ug/L	100
27) 1,2-Dichloroethane	8.398	62	87672	25.003	ug/L	100
29) Cyclohexane	7.959	56	107403	25.883	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	110760	25.400	ug/L	100
31) Carbon tetrachloride	8.069	117	98829	25.358	ug/L	100
33) Benzene	8.325	78	287732	25.095	ug/L	100
34) Trichloroethene	9.093	95	76618	25.122	ug/L	100
35) Methylcyclohexane	9.331	83	125595	26.834	ug/L	100
37) 1,2-Dichloropropane	9.368	63	75015	24.797	ug/L	100
38) Bromodichloromethane	9.642	83	94429	24.862	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	116465	25.108	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	79134	50.857	ug/L	100
42) Toluene	10.386	91	313283	25.523	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	96306	25.056	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	52917	24.822	ug/L	100
46) Tetrachloroethene	10.861	164	58226	25.525	ug/L	100
48) 2-Hexanone	10.965	43	60537	52.835	ug/L	100
49) Dibromochloromethane	11.123	129	59254	24.698	ug/L	100
50) 1,2-Dibromoethane	11.233	107	48854	24.219	ug/L	100
51) Chlorobenzene	11.654	112	195814	24.686	ug/L	100
52) Ethylbenzene	11.727	91	359228	25.833	ug/L	100
53) m,p-Xylene	11.837	106	131255	25.285	ug/L	100
54) o-Xylene	12.160	106	126991	25.703	ug/L	100
55) Styrene	12.178	104	218604	25.936	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	59983	24.024	ug/L	100
59) Bromoform	12.349	173	34817	25.074	ug/L	100
60) Isopropylbenzene	12.458	105	348374	25.608	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	43828	24.054	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	293597	26.681	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	284863	26.201	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	145796	23.981	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	154567	24.887	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	127054	23.441	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	10098	24.188	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	100478	23.945	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	83762	24.110	ug/L	100
71) Naphthalene	15.360	128	158715	24.976	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	76248	25.073	ug/L	100

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

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