

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026675.D
 Acq On : 10 Aug 2023 13:09
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005425

Quant Time: Aug 11 01:28:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	523801	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	265741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	46622	5.414	ug/L	0.00
7) Chloroethane-d5	2.893	69	32774	5.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	22863	5.399	ug/L	0.00
21) 2-Butanone-d5	7.093	46	24062	9.779	ug/L	0.01
24) Chloroform-d	7.648	84	91715	5.217	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	49716	5.124	ug/L	0.00
32) Benzene-d6	8.276	84	183028	5.168	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	55380	5.021	ug/L	0.00
41) Toluene-d8	10.325	98	150326	4.945	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	22032	4.838	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	9820	8.472	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42998	4.936	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	49183	5.171	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	32033	4.441	ug/L	# 83
3) Chloromethane	2.222	50	47332	4.860	ug/L	97
5) Vinyl chloride	2.375	62	44043	4.731	ug/L	98
6) Bromomethane	2.783	94	26459	4.871	ug/L	100
8) Chloroethane	2.930	64	26651	4.778	ug/L	97
9) Trichlorofluoromethane	3.259	101	35839	4.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	38526	4.715	ug/L	95
12) 1,1-Dichloroethene	4.051	96	36131	4.667	ug/L	99
13) Acetone	4.131	43	28103	11.529	ug/L	98
14) Carbon disulfide	4.393	76	132299	4.750	ug/L	98
15) Methyl Acetate	4.679	43	22939	4.654	ug/L	94
16) Methylene chloride	4.917	84	50778	5.011	ug/L	97
17) trans-1,2-Dichloroethene	5.417	96	41200	4.769	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	58063	4.442	ug/L	97
19) 1,1-Dichloroethane	6.222	63	86035	4.839	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	44183	4.758	ug/L	96
22) 2-Butanone	7.173	43	35393	9.760	ug/L	95
23) Bromochloromethane	7.520	128	19684	4.907	ug/L	91
25) Chloroform	7.679	83	85704	4.989	ug/L	100
27) 1,2-Dichloroethane	8.404	62	56934	4.751	ug/L	99
29) Cyclohexane	7.959	56	70222	4.419	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	65472	4.882	ug/L	98
31) Carbon tetrachloride	8.069	117	58124	4.740	ug/L	94
33) Benzene	8.325	78	178221	4.763	ug/L	100
34) Trichloroethene	9.093	95	45748	4.800	ug/L	97
35) Methylcyclohexane	9.337	83	72616	4.454	ug/L	98
37) 1,2-Dichloropropane	9.367	63	48755	4.757	ug/L	98
38) Bromodichloromethane	9.642	83	56157	4.671	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	64063	4.345	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	57618	8.643	ug/L	99
42) Toluene	10.386	91	174430	4.608	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	57416	4.524	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	33419	4.768	ug/L	97
46) Tetrachloroethene	10.861	164	32232	4.655	ug/L	97
48) 2-Hexanone	10.965	43	38537	8.495	ug/L	98
49) Dibromochloromethane	11.123	129	32999	4.501	ug/L	100
50) 1,2-Dibromoethane	11.233	107	30685	4.665	ug/L	94
51) Chlorobenzene	11.654	112	111930	4.681	ug/L	97
52) Ethylbenzene	11.727	91	192227	4.529	ug/L	99
53) m,p-Xylene	11.837	106	70527	4.485	ug/L	88
54) o-Xylene	12.166	106	65687	4.476	ug/L	98
55) Styrene	12.178	104	111703	4.377	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	40809	4.597	ug/L	98
59) Bromoform	12.349	173	19623	4.714	ug/L	96
60) Isopropylbenzene	12.464	105	179763	4.550	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	30718	4.765	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	135223	4.330	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	132676	4.336	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	81115	4.721	ug/L #	82
65) 1,4-Dichlorobenzene	13.574	146	87610	4.886	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	74197	4.749	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	7681	4.982	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	55966	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	48507	4.928	ug/L	98
71) Naphthalene	15.360	128	80166	4.270	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	42066	4.739	ug/L	98

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

