

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030254.D
 Acq On : 26 Sep 2024 12:18
 Operator : SY/MD
 Sample : VSTD10080
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100480

Quant Time: Sep 27 04:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	194281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	180587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	94681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	245609	93.693	ug/L	0.00
7) Chloroethane-d5	2.893	69	186820	96.687	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	129477	99.710	ug/L	0.00
21) 2-Butanone-d5	7.075	46	154277	229.005	ug/L	0.00
24) Chloroform-d	7.648	84	566083	98.404	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	298838	101.848	ug/L	0.00
32) Benzene-d6	8.276	84	1111594	97.445	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	347891	98.503	ug/L	0.00
41) Toluene-d8	10.325	98	1030101	101.607	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	147625	110.279	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	132194	267.396	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263388	109.180	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	322582	97.904	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	210853	100.888	ug/L	90
3) Chloromethane	2.229	50	287267	96.255	ug/L	98
5) Vinyl chloride	2.375	62	275887	91.753	ug/L	97
6) Bromomethane	2.783	94	165842	90.915	ug/L	91
8) Chloroethane	2.930	64	156484	88.925	ug/L	95
9) Trichlorofluoromethane	3.265	101	257333	96.855	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	237577	98.327	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	236203	95.882	ug/L	92
13) Acetone	4.119	43	217380	253.096	ug/L	99
14) Carbon disulfide	4.393	76	838000	94.303	ug/L	99
15) Methyl Acetate	4.667	43	125173	100.331	ug/L	99
16) Methylene chloride	4.917	84	259244	87.114	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	274301	97.727	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	428378	111.388	ug/L	98
19) 1,1-Dichloroethane	6.216	63	530916	93.815	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	299393	99.608	ug/L	98
22) 2-Butanone	7.167	43	254880	237.448	ug/L	100
23) Bromochloromethane	7.514	128	120275	98.081	ug/L	98
25) Chloroform	7.673	83	521163	94.644	ug/L	98
27) 1,2-Dichloroethane	8.398	62	343847	96.430	ug/L	98
29) Cyclohexane	7.959	56	461630	100.463	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	416000	93.060	ug/L	99
31) Carbon tetrachloride	8.069	117	372387	91.949	ug/L	97
33) Benzene	8.325	78	1146928	92.682	ug/L	100
34) Trichloroethene	9.093	95	304541	94.872	ug/L	98
35) Methylcyclohexane	9.337	83	491898	97.447	ug/L	97
37) 1,2-Dichloropropane	9.368	63	302778	92.311	ug/L	100
38) Bromodichloromethane	9.642	83	374413	98.011	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	492259	105.689	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	373028	230.547	ug/L	99
42) Toluene	10.386	91	1248426	97.754	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	412486	108.996	ug/L	99

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

45) 1,1,2-Trichloroethane	10.788	97	206714	98.924	ug/L	96
46) Tetrachloroethene	10.861	164	209643	93.389	ug/L	95
48) 2-Hexanone	10.965	43	350795	257.809	ug/L	98
49) Dibromochloromethane	11.130	129	235011	104.791	ug/L	90
50) 1,2-Dibromoethane	11.233	107	200937	102.338	ug/L #	98
51) Chlorobenzene	11.654	112	735310	93.641	ug/L	98
52) Ethylbenzene	11.727	91	1420543	98.416	ug/L	96
53) m,p-Xylene	11.837	106	524080	100.198	ug/L	100
54) o-Xylene	12.166	106	505556	102.904	ug/L	87
55) Styrene	12.178	104	859375	103.906	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	251051	101.515	ug/L	100
59) Bromoform	12.343	173	129450	98.200	ug/L	96
60) Isopropylbenzene	12.459	105	1421306	98.269	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	178616	95.978	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1122849	99.746	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1106666	100.247	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	567608	92.260	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	568392	90.290	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	509048	94.979	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	40790	99.543	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	384658	95.731	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	331060	101.746	ug/L	96
71) Naphthalene	15.360	128	643295	113.906	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	288187	101.563	ug/L	98

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

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