

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030026.D
 Acq On : 26 Aug 2024 13:14
 Operator : SY/MD
 Sample : VSTD10068
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100468

Quant Time: Aug 27 05:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	313774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	425449	91.115	ug/L	0.00
7) Chloroethane-d5	2.893	69	314521	94.907	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	186763	93.618	ug/L	0.00
21) 2-Butanone-d5	7.075	46	202893	218.019	ug/L	0.00
24) Chloroform-d	7.648	84	835237	98.709	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	423833	98.645	ug/L	0.00
32) Benzene-d6	8.276	84	1624531	95.719	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	493185	99.184	ug/L	0.00
41) Toluene-d8	10.319	98	1512793	97.930	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	219821	107.470	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	179138	235.390	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	377924	103.229	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	480215	96.262	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	385793	113.168	ug/L	99
3) Chloromethane	2.229	50	454206	108.267	ug/L	95
5) Vinyl chloride	2.375	62	491205	99.059	ug/L	95
6) Bromomethane	2.789	94	312561	101.430	ug/L	94
8) Chloroethane	2.936	64	288104	100.827	ug/L	99
9) Trichlorofluoromethane	3.265	101	452954	105.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	407899m	103.017	ug/L	
12) 1,1-Dichloroethene	4.045	96	400251	99.663	ug/L	95
13) Acetone	4.125	43	181642	214.541	ug/L	98
14) Carbon disulfide	4.393	76	1313541	105.278	ug/L	97
15) Methyl Acetate	4.667	43	179323	108.835	ug/L	99
16) Methylene chloride	4.923	84	429517	82.864	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	455660	102.441	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	707229	103.968	ug/L	100
19) 1,1-Dichloroethane	6.216	63	829752	100.387	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	499153	101.532	ug/L	88
22) 2-Butanone	7.173	43	259020	216.623	ug/L	99
23) Bromochloromethane	7.514	128	210119	100.766	ug/L	97
25) Chloroform	7.673	83	845043	99.951	ug/L	99
27) 1,2-Dichloroethane	8.398	62	539849	99.754	ug/L	100
29) Cyclohexane	7.959	56	709809	102.881	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	660900	98.136	ug/L	99
31) Carbon tetrachloride	8.069	117	607479	100.402	ug/L	98
33) Benzene	8.325	78	1799002	97.656	ug/L	100
34) Trichloroethene	9.087	95	495708	99.931	ug/L	99
35) Methylcyclohexane	9.337	83	796553	98.045	ug/L	98
37) 1,2-Dichloropropane	9.368	63	466399	99.979	ug/L	99
38) Bromodichloromethane	9.648	83	602720	102.398	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	778339	108.402	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	521762	224.691	ug/L	100
42) Toluene	10.386	91	1973245	100.583	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	640796	110.291	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	343248	100.390	ug/L	98
46) Tetrachloroethene	10.855	164	360263	95.688	ug/L	95
48) 2-Hexanone	10.965	43	368143	223.010	ug/L	97
49) Dibromochloromethane	11.129	129	387995	106.799	ug/L	97
50) 1,2-Dibromoethane	11.233	107	334179	104.631	ug/L	96
51) Chlorobenzene	11.654	112	1228179	97.911	ug/L	96
52) Ethylbenzene	11.727	91	2220045	99.873	ug/L	99
53) m,p-Xylene	11.837	106	847100	102.116	ug/L	97
54) o-Xylene	12.166	106	815301	102.399	ug/L	93
55) Styrene	12.178	104	1404666	105.295	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	400064	103.903	ug/L	98
59) Bromoform	12.343	173	224174	109.147	ug/L	94
60) Isopropylbenzene	12.458	105	2172342	98.725	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	280467	100.012	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1762303	107.714	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1735328	100.629	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	890428	94.924	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	885863	93.482	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	815390	97.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	64493	107.436	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	586510	95.768	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	542128	102.277	ug/L	95
71) Naphthalene	15.360	128	1098100	108.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	452306	97.216	ug/L	99

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

