

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024557.D
 Acq On : 06 Sep 2022 13:53
 Operator : SY/VA
 Sample : VSTD05034
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050434

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

09/07/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 07 04:36:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	389207	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	390275	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	219844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	369921	46.036	ug/L	0.00
7) Chloroethane-d5	2.873	69	267544	44.778	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	392463	46.305	ug/L	0.00
21) 2-Butanone-d5	7.080	46	125380	92.775	ug/L	0.00
24) Chloroform-d	7.647	84	450618	45.118	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	249683	44.674	ug/L	0.00
32) Benzene-d6	8.268	84	883404	46.017	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	252728	44.650	ug/L	0.00
41) Toluene-d8	10.323	98	871975	46.592	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	121103	47.743	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	114209	109.774	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	258291	47.611	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	304355	43.709	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	85664	46.915	ug/L	94
3) Chloromethane	2.209	50	240154	41.426	ug/L	97
5) Vinyl chloride	2.349	62	410711	42.023	ug/L	100
6) Bromomethane	2.763	94	253449	39.780	ug/L	95
8) Chloroethane	2.904	64	222011	41.754	ug/L	95
9) Trichlorofluoromethane	3.239	101	227070	40.187	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	226323	43.474	ug/L #	88
12) 1,1-Dichloroethene	4.031	96	197172	44.311	ug/L	94
13) Acetone	4.117	43	88799m	81.900	ug/L	
14) Carbon disulfide	4.373	76	504096	42.816	ug/L	99
15) Methyl Acetate	4.665	43	109975	46.435	ug/L	100
16) Methylene chloride	4.909	84	221752	38.183	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	228141	44.831	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	433365	47.742	ug/L	99
19) 1,1-Dichloroethane	6.208	63	408015	43.997	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	257800	45.080	ug/L	97
22) 2-Butanone	7.171	43	156566	87.864	ug/L	96
23) Bromochloromethane	7.512	128	119437	45.139	ug/L	94
25) Chloroform	7.671	83	457293	44.391	ug/L	98
27) 1,2-Dichloroethane	8.396	62	310624	44.860	ug/L	100
29) Cyclohexane	7.951	56	354483	46.917	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	376708	44.013	ug/L	99
31) Carbon tetrachloride	8.067	117	349466	44.704	ug/L	96
33) Benzene	8.317	78	975569	44.042	ug/L	100
34) Trichloroethene	9.091	95	259002	44.769	ug/L	96
35) Methylcyclohexane	9.329	83	429434	46.396	ug/L	98
37) 1,2-Dichloropropane	9.366	63	245099	44.304	ug/L	100
38) Bromodichloromethane	9.646	83	355513	45.468	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	404164	49.966	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	364568	99.899	ug/L	97
42) Toluene	10.384	91	1135216	46.486	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	374698	49.042	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	218032	47.156	ug/L	99
46) Tetrachloroethene	10.859	164	198969	46.677	ug/L	96
48) 2-Hexanone	10.969	43	261922	104.659	ug/L	100
49) Dibromochloromethane	11.128	129	266789	49.359	ug/L	94
50) 1,2-Dibromoethane	11.231	107	215562	48.037	ug/L	98
51) Chlorobenzene	11.658	112	765244	45.359	ug/L	97
52) Ethylbenzene	11.725	91	1299419	46.866	ug/L	97
53) m,p-Xylene	11.835	106	514952	47.538	ug/L	95
54) o-Xylene	12.164	106	509087	49.362	ug/L	92
55) Styrene	12.176	104	872000	48.034	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	282391	48.243	ug/L	95
59) Bromoform	12.347	173	157336	49.237	ug/L	95
60) Isopropylbenzene	12.463	105	1348305	45.297	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	205321	45.143	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1185189	47.949	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1157879	47.067	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	597066	44.518	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	624950	44.208	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	565391	45.206	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	46084	42.823	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	404273	46.408	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	329008	47.596	ug/L	95
71) Naphthalene	15.359	128	792554	51.824	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	303224	47.151	ug/L	96

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

