

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025245.D
 Acq On : 30 Jan 2023 10:56
 Operator : SY/MD
 Sample : VSTD02507
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025407

Quant Time: Jan 31 00:50:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392513	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	170882	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108962	24.861	ug/L	0.00
7) Chloroethane-d5	2.879	69	72061	25.578	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	260858	25.352	ug/L	0.00
21) 2-Butanone-d5	7.074	46	56410	47.144	ug/L	0.00
24) Chloroform-d	7.653	84	265371	25.483	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	137342	24.623	ug/L	0.00
32) Benzene-d6	8.275	84	535410	26.365	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	150482	25.603	ug/L	0.00
41) Toluene-d8	10.323	98	490471	26.171	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	66086	25.534	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	46598	49.674	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112120	24.763	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	156735	25.668	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	62060m	25.443	ug/L	
3) Chloromethane	2.209	50	107763	23.617	ug/L	100
5) Vinyl chloride	2.355	62	145444	25.299	ug/L	100
6) Bromomethane	2.776	94	72558	24.169	ug/L	100
8) Chloroethane	2.916	64	63204	24.455	ug/L	100
9) Trichlorofluoromethane	3.257	101	111351	25.429	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	148943	25.482	ug/L	100
12) 1,1-Dichloroethene	4.038	96	139899	25.530	ug/L	100
13) Acetone	4.123	43	67461	52.076	ug/L	100
14) Carbon disulfide	4.385	76	460537	25.483	ug/L	100
15) Methyl Acetate	4.672	43	51737	24.177	ug/L	100
16) Methylene chloride	4.909	84	138312	22.218	ug/L	100
17) trans-1,2-Dichloroethene	5.422	96	143723	25.162	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	203358	24.683	ug/L	100
19) 1,1-Dichloroethane	6.220	63	259237	25.486	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	153619	25.725	ug/L	100
22) 2-Butanone	7.171	43	80603	51.091	ug/L	100
23) Bromochloromethane	7.519	128	63742	24.807	ug/L	100
25) Chloroform	7.677	83	265807	25.589	ug/L	100
27) 1,2-Dichloroethane	8.397	62	173231	25.098	ug/L	100
29) Cyclohexane	7.952	56	247188	26.327	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	226090	25.428	ug/L	100
31) Carbon tetrachloride	8.067	117	214796	25.682	ug/L	100
33) Benzene	8.323	78	580012	25.808	ug/L	100
34) Trichloroethene	9.092	95	157099	25.661	ug/L	100
35) Methylcyclohexane	9.335	83	276726	26.006	ug/L	100
37) 1,2-Dichloropropane	9.366	63	138898	25.626	ug/L	100
38) Bromodichloromethane	9.640	83	184521	25.425	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	232198	26.052	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141104	49.803	ug/L	100
42) Toluene	10.384	91	620229	26.114	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	191860	25.648	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	101509	24.902	ug/L	100
46) Tetrachloroethene	10.860	164	114163	25.310	ug/L	100
48) 2-Hexanone	10.963	43	109171	50.821	ug/L	100
49) Dibromochloromethane	11.128	129	117870	25.385	ug/L	100
50) 1,2-Dibromoethane	11.231	107	98213	25.013	ug/L	100
51) Chlorobenzene	11.652	112	392351	25.803	ug/L	100
52) Ethylbenzene	11.725	91	721967	26.186	ug/L	100
53) m,p-Xylene	11.835	106	272375	25.995	ug/L	100
54) o-Xylene	12.164	106	259820	26.414	ug/L	100
55) Styrene	12.176	104	435716	26.307	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	115341	24.502	ug/L	100
59) Bromoform	12.347	173	66300	23.474	ug/L	100
60) Isopropylbenzene	12.463	105	737850	24.650	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85746	22.798	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	612045	25.876	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	607400	26.243	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	294369	24.456	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	293492	24.540	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	263938	26.125	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	19697	22.280	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	205049	25.817	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	168081	26.407	ug/L	100
71) Naphthalene	15.359	128	331899	25.826	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	140474	24.428	ug/L	100

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

Manual Integrations

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