

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022731.D
 Acq On : 02 May 2022 10:46
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025403

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/03/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 03 00:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	323796	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320540	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177442	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	168628	25.384	ug/L	0.00
7) Chloroethane-d5	2.885	69	110975	25.677	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	214678	25.031	ug/L	0.00
21) 2-Butanone-d5	7.080	46	64736	51.680	ug/L	0.00
24) Chloroform-d	7.647	84	249028	26.251	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	136156	26.169	ug/L	0.00
32) Benzene-d6	8.275	84	487998	26.413	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	136257	26.254	ug/L	0.00
41) Toluene-d8	10.323	98	468459	26.248	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	61798	25.861	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	54053	54.558	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126084	26.065	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	161347	26.012	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	39802	22.779	ug/L	100
3) Chloromethane	2.215	50	85197	24.978	ug/L	100
5) Vinyl chloride	2.361	62	170796	24.951	ug/L	100
6) Bromomethane	2.776	94	102976	23.430	ug/L	100
8) Chloroethane	2.922	64	81055	24.550	ug/L	100
9) Trichlorofluoromethane	3.257	101	74476	23.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	113470	24.362	ug/L	100
12) 1,1-Dichloroethene	4.044	96	99699	24.041	ug/L	100
13) Acetone	4.123	43	38061m	44.482	ug/L	
14) Carbon disulfide	4.385	76	269886	23.737	ug/L	100
15) Methyl Acetate	4.678	43	45487	23.138	ug/L	100
16) Methylene chloride	4.922	84	109237	23.056	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	110845	23.751	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	178263	25.078	ug/L	100
19) 1,1-Dichloroethane	6.214	63	193555	24.471	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	124177	24.773	ug/L	100
22) 2-Butanone	7.171	43	61416	46.511	ug/L	100
23) Bromochloromethane	7.513	128	55538	23.658	ug/L	100
25) Chloroform	7.677	83	218241	24.953	ug/L	100
27) 1,2-Dichloroethane	8.403	62	143027	24.532	ug/L	100
29) Cyclohexane	7.952	56	169697	24.479	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	190340	25.128	ug/L	100
31) Carbon tetrachloride	8.067	117	172033	24.278	ug/L	100
33) Benzene	8.323	78	460126	24.367	ug/L	100
34) Trichloroethene	9.092	95	124046	23.887	ug/L	100
35) Methylcyclohexane	9.335	83	209463	24.553	ug/L	100
37) 1,2-Dichloropropane	9.366	63	110093	24.092	ug/L	100
38) Bromodichloromethane	9.640	83	159701	24.605	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	179575	25.344	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142038	49.315	ug/L	100
42) Toluene	10.384	91	522836	24.706	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	161490	25.535	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	91993	24.081	ug/L	100
46) Tetrachloroethene	10.860	164	91882	23.543	ug/L	100
48) 2-Hexanone	10.969	43	96322	50.052	ug/L	100
49) Dibromochloromethane	11.128	129	113867	24.766	ug/L	100
50) 1,2-Dibromoethane	11.231	107	91611	23.883	ug/L	100
51) Chlorobenzene	11.658	112	342878	24.577	ug/L	100
52) Ethylbenzene	11.725	91	589685	25.047	ug/L	100
53) m,p-Xylene	11.835	106	233144	25.132	ug/L	100
54) o-Xylene	12.164	106	224103	25.174	ug/L	100
55) Styrene	12.176	104	392821	25.969	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	116178	24.349	ug/L	100
59) Bromoform	12.347	173	61114	24.303	ug/L	100
60) Isopropylbenzene	12.463	105	612310	25.189	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85563	24.133	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	341270	25.234	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	513790	25.302	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	266445	24.550	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	275159	24.545	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	246240	24.794	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18274	23.584	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	178495	24.777	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	144106	24.867	ug/L	100
71) Naphthalene	15.359	128	325492	25.842	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	129506	25.214	ug/L	100

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

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