

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023523.D
 Acq On : 28 Jun 2022 10:31
 Operator : SY/VA
 Sample : VSTD02529
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025429

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 01:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	361742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340162	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	93702	20.187	ug/L	0.00
7) Chloroethane-d5	2.885	69	81389	23.131	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	165711	22.683	ug/L	0.00
21) 2-Butanone-d5	7.080	46	47253	43.242	ug/L	0.00
24) Chloroform-d	7.647	84	215240	23.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	108268	22.142	ug/L	0.00
32) Benzene-d6	8.275	84	386566	22.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	115192	22.974	ug/L	0.00
41) Toluene-d8	10.323	98	389856	23.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	51854	22.847	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	36632	45.576	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104890	22.712	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	149672	23.449	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	47126m	28.621	ug/L	
3) Chloromethane	2.221	50	122512	27.749	ug/L	100
5) Vinyl chloride	2.361	62	179071	26.795	ug/L	100
6) Bromomethane	2.782	94	103415	27.218	ug/L	100
8) Chloroethane	2.922	64	95973	27.398	ug/L	100
9) Trichlorofluoromethane	3.263	101	89070	25.442	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	123909	25.864	ug/L	100
12) 1,1-Dichloroethene	4.044	96	106979	25.817	ug/L	100
13) Acetone	4.123	43	33000	42.680	ug/L	100
14) Carbon disulfide	4.391	76	357668	27.514	ug/L	100
15) Methyl Acetate	4.672	43	41501	22.989	ug/L	100
16) Methylene chloride	4.922	84	121675	22.507	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	124634	25.580	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	176389	25.325	ug/L	100
19) 1,1-Dichloroethane	6.220	63	210301	25.607	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	130751	25.479	ug/L	100
22) 2-Butanone	7.171	43	55427	42.841	ug/L	100
23) Bromochloromethane	7.513	128	59592	24.546	ug/L	100
25) Chloroform	7.677	83	233583	25.250	ug/L	100
27) 1,2-Dichloroethane	8.403	62	148108	24.899	ug/L	100
29) Cyclohexane	7.958	56	190260	27.479	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	210124	26.180	ug/L	100
31) Carbon tetrachloride	8.067	117	192036	26.055	ug/L	100
33) Benzene	8.323	78	508922	26.070	ug/L	100
34) Trichloroethene	9.092	95	138629	25.776	ug/L	100
35) Methylcyclohexane	9.335	83	232406	27.166	ug/L	100
37) 1,2-Dichloropropane	9.372	63	121368	26.177	ug/L	100
38) Bromodichloromethane	9.646	83	169460	25.486	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	185849	26.112	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	124306	47.651	ug/L	100
42) Toluene	10.390	91	571250	26.598	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	164256	26.140	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	92316	24.405	ug/L	100
46) Tetrachloroethene	10.860	164	109981	25.907	ug/L	100
48) 2-Hexanone	10.969	43	84067	47.912	ug/L	100
49) Dibromochloromethane	11.128	129	114184	24.759	ug/L	100
50) 1,2-Dibromoethane	11.238	107	92536	25.150	ug/L	100
51) Chlorobenzene	11.658	112	372915	25.575	ug/L	100
52) Ethylbenzene	11.731	91	644794	26.951	ug/L	100
53) m,p-Xylene	11.841	106	255749	27.047	ug/L	100
54) o-Xylene	12.164	106	238993	27.187	ug/L	100
55) Styrene	12.182	104	417073	27.400	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	112501	24.650	ug/L	100
59) Bromoform	12.347	173	61564	24.052	ug/L	100
60) Isopropylbenzene	12.463	105	655485	26.072	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	78606	23.058	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	546388	26.515	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	543725	26.744	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	292178	25.244	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	293583	24.708	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	264878	25.383	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17236	22.020	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	192329	25.369	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	151190	25.843	ug/L	100
71) Naphthalene	15.359	128	284542	25.637	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	122895	24.300	ug/L	100

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

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