

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023369.D
 Acq On : 02 Jun 2022 11:11
 Operator : SY/VA
 Sample : VSTD02509
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025409

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2022
 Supervised By : Mahesh Dadoda 06/06/2022

Quant Time: Jun 02 21:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:25:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	421729	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	399436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146758	23.531	ug/L	0.00
7) Chloroethane-d5	2.885	69	113759	26.311	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	228010	23.786	ug/L	0.00
21) 2-Butanone-d5	7.080	46	56762	44.349	ug/L	0.00
24) Chloroform-d	7.653	84	255791	23.033	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	132608	22.798	ug/L	0.00
32) Benzene-d6	8.275	84	502668	23.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	140547	22.890	ug/L	0.00
41) Toluene-d8	10.323	98	481907	23.550	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	64708	23.607	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	44551	45.165	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123949	22.887	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	172697	23.955	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	41784m	24.140	ug/L	
3) Chloromethane	2.215	50	121687	23.366	ug/L	100
5) Vinyl chloride	2.361	62	192974	23.804	ug/L	100
6) Bromomethane	2.782	94	103100	26.053	ug/L	100
8) Chloroethane	2.922	64	101807	27.471	ug/L	100
9) Trichlorofluoromethane	3.257	101	93849	24.508	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	131477	23.695	ug/L	100
12) 1,1-Dichloroethene	4.044	96	117587	24.329	ug/L	100
13) Acetone	4.123	43	38076	40.676	ug/L	100
14) Carbon disulfide	4.385	76	386537	23.943	ug/L	100
15) Methyl Acetate	4.672	43	48738	23.583	ug/L	100
16) Methylene chloride	4.915	84	130681	21.632	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	134070	23.777	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	200404	24.143	ug/L	100
19) 1,1-Dichloroethane	6.220	63	226139	23.677	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	139671	23.588	ug/L	100
22) 2-Butanone	7.171	43	61414	43.934	ug/L	100
23) Bromochloromethane	7.519	128	63732	22.753	ug/L	100
25) Chloroform	7.677	83	248263	23.748	ug/L	100
27) 1,2-Dichloroethane	8.397	62	157529	23.405	ug/L	100
29) Cyclohexane	7.958	56	208001	24.381	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	218868	23.676	ug/L	100
31) Carbon tetrachloride	8.073	117	207483	23.865	ug/L	100
33) Benzene	8.323	78	538321	23.527	ug/L	100
34) Trichloroethene	9.091	95	144177	23.266	ug/L	100
35) Methylcyclohexane	9.335	83	254277	24.768	ug/L	100
37) 1,2-Dichloropropane	9.372	63	130397	24.190	ug/L	100
38) Bromodichloromethane	9.646	83	179101	23.472	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	204747	24.182	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	140598	46.022	ug/L	100
42) Toluene	10.390	91	620017	24.391	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	180742	23.856	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	104408	23.657	ug/L	100
46) Tetrachloroethene	10.859	164	123087	24.806	ug/L	100
48) 2-Hexanone	10.969	43	96387	47.205	ug/L	100
49) Dibromochloromethane	11.128	129	127094	23.467	ug/L	100
50) 1,2-Dibromoethane	11.237	107	99807	23.198	ug/L	100
51) Chlorobenzene	11.658	112	400762	23.878	ug/L	100
52) Ethylbenzene	11.731	91	677786	24.281	ug/L	100
53) m,p-Xylene	11.835	106	270207	24.444	ug/L	100
54) o-Xylene	12.164	106	257826	24.379	ug/L	100
55) Styrene	12.182	104	446430	24.769	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	122751	23.548	ug/L	100
59) Bromoform	12.347	173	71163	23.768	ug/L	100
60) Isopropylbenzene	12.463	105	709318	25.358	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86615	23.626	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	593372	25.890	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	462109	25.971	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	314200	24.707	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	316921	24.379	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	282870	24.609	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18452	22.596	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	210435	25.057	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	167868	25.157	ug/L	100
71) Naphthalene	15.365	128	327998	26.108	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	140789	24.376	ug/L	100

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

