

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023370.D
 Acq On : 02 Jun 2022 11:35
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 21:27:12 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	8.842	114	434935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	406834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	223694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	304211	47.297	ug/L	0.00
7) Chloroethane-d5	2.885	69	231500	51.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	471609	47.704	ug/L	0.00
21) 2-Butanone-d5	7.080	46	124920	94.638	ug/L	0.00
24) Chloroform-d	7.653	84	545692	47.646	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	283747	47.301	ug/L	0.00
32) Benzene-d6	8.275	84	1059255	48.457	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	303387	48.512	ug/L	0.00
41) Toluene-d8	10.323	98	1049487	50.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	141126	50.550	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	99843	99.378	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	266864	48.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	391294	49.487	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	91504	51.260	ug/L	96
3) Chloromethane	2.221	50	245556	45.719	ug/L	100
5) Vinyl chloride	2.361	62	394720	47.212	ug/L	98
6) Bromomethane	2.782	94	196434	48.130	ug/L	97
8) Chloroethane	2.922	64	194818	50.971	ug/L	97
9) Trichlorofluoromethane	3.257	101	183445	46.450	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	266225	46.524	ug/L	98
12) 1,1-Dichloroethene	4.044	96	241943	48.539	ug/L	98
13) Acetone	4.123	43	74411	77.079	ug/L	95
14) Carbon disulfide	4.385	76	802550	48.203	ug/L	98
15) Methyl Acetate	4.666	43	97803	45.888	ug/L	99
16) Methylene chloride	4.916	84	262030	42.058	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	284807	48.977	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	413958	48.356	ug/L	99
19) 1,1-Dichloroethane	6.220	63	466709	47.380	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	294295m	48.193	ug/L	
22) 2-Butanone	7.171	43	131020	90.883	ug/L	98
23) Bromochloromethane	7.519	128	139229	48.197	ug/L	95
25) Chloroform	7.677	83	509555	47.263	ug/L	97
27) 1,2-Dichloroethane	8.403	62	326872	47.091	ug/L	97
29) Cyclohexane	7.958	56	438642	50.480	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	450025	47.797	ug/L	99
31) Carbon tetrachloride	8.073	117	421463	47.596	ug/L	97
33) Benzene	8.323	78	1119640	48.043	ug/L	100
34) Trichloroethene	9.092	95	309441	49.026	ug/L	96
35) Methylcyclohexane	9.335	83	528292	50.523	ug/L	98
37) 1,2-Dichloropropane	9.372	63	261720	47.669	ug/L	100
38) Bromodichloromethane	9.646	83	373674	48.082	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	441650	51.213	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	298187	95.832	ug/L	97
42) Toluene	10.390	91	1290015	49.826	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	390116	50.555	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	211853	47.129	ug/L	97
46) Tetrachloroethene	10.860	164	251746	49.812	ug/L	94
48) 2-Hexanone	10.969	43	205824	98.967	ug/L	100
49) Dibromochloromethane	11.128	129	275933	50.023	ug/L	94
50) 1,2-Dibromoethane	11.231	107	211350	48.230	ug/L	93
51) Chlorobenzene	11.658	112	842202	49.266	ug/L	98
52) Ethylbenzene	11.731	91	1452765	51.098	ug/L	99
53) m,p-Xylene	11.841	106	578712	51.401	ug/L	98
54) o-Xylene	12.164	106	563636	52.326	ug/L	91
55) Styrene	12.176	104	957576	52.163	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	254402	47.916	ug/L	94
59) Bromoform	12.347	173	160527	48.884	ug/L	98
60) Isopropylbenzene	12.463	105	1511809	49.277	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	180157	44.805	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	1273878	50.678	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	990907	50.777	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	682647	48.944	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	678931	47.618	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	619664	49.153	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	39386	43.976	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	470911	51.124	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	369089	50.431	ug/L	100
71) Naphthalene	15.359	128	727727	52.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	314057	49.577	ug/L	97

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

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