

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022110.D
 Acq On : 23 Feb 2022 15:36
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV461

Quant Time: Feb 24 03:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:11:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	176422	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	165747	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51318	22.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.200%
7) Chloroethane-d5	2.885	69	40098	22.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	4.019	63	82908	23.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.120%
21) 2-Butanone-d5	7.074	46	19919	51.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
24) Chloroform-d	7.647	84	95841	24.348	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	8.305	65	48730	23.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.280%
32) Benzene-d6	8.275	84	186211	24.140	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	9.274	67	50890	23.756	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.323	98	184513	24.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	10.579	79	22991	24.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.840%
47) 2-Hexanone-d5	10.920	63	17823	50.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44921	23.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	68026	23.872	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11314	22.947	ug/L	# 88
3) Chloromethane	2.221	50	33989	20.117	ug/L	99
5) Vinyl chloride	2.361	62	51566	20.313	ug/L	98
6) Bromomethane	2.782	94	34796	19.626	ug/L	96
8) Chloroethane	2.922	64	29410	20.623	ug/L	97
9) Trichlorofluoromethane	3.257	101	38142	22.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	44896	21.351	ug/L	94
12) 1,1-Dichloroethene	4.044	96	40332	22.131	ug/L	97
13) Acetone	4.117	43	13599	43.035	ug/L	98
14) Carbon disulfide	4.385	76	101396	21.460	ug/L	97
15) Methyl Acetate	4.672	43	16337	22.965	ug/L	98
16) Methylene chloride	4.915	84	45096	20.825	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	44801	22.382	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	66535	24.432	ug/L	99
19) 1,1-Dichloroethane	6.220	63	75188	23.202	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	50568	23.321	ug/L	99
22) 2-Butanone	7.165	43	21474	47.307	ug/L	95
23) Bromochloromethane	7.519	128	23941	22.602	ug/L	92
25) Chloroform	7.677	83	87907	23.249	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	53742	23.076	ug/L	99
29) Cyclohexane	7.958	56	61538	22.310	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	75810	22.734	ug/L	100
31) Carbon tetrachloride	8.073	117	71643	22.606	ug/L	100
33) Benzene	8.329	78	181741	22.679	ug/L	100
34) Trichloroethene	9.092	95	51312	22.364	ug/L	96
35) Methylcyclohexane	9.335	83	79249	22.330	ug/L	100
37) 1,2-Dichloropropane	9.366	63	41345	22.116	ug/L	98
38) Bromodichloromethane	9.646	83	61198	22.827	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	68698	24.175	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	48962	48.497	ug/L	99
42) Toluene	10.390	91	208915	23.034	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	61405	24.046	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	36841	22.223	ug/L	95
46) Tetrachloroethene	10.866	164	44995	22.386	ug/L	96
48) 2-Hexanone	10.963	43	35137	50.145	ug/L	98
49) Dibromochloromethane	11.128	129	47084	23.382	ug/L	96
50) 1,2-Dibromoethane	11.231	107	36716	22.962	ug/L	99
51) Chlorobenzene	11.652	112	144489	22.891	ug/L	98
52) Ethylbenzene	11.725	91	233514	23.264	ug/L	98
53) m,p-Xylene	11.835	106	96034	23.251	ug/L	98
54) o-Xylene	12.164	106	91236	23.477	ug/L	92
55) Styrene	12.182	104	154063	23.647	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	44126	22.941	ug/L	95
59) Bromoform	12.347	173	26935	22.958	ug/L	100
60) Isopropylbenzene	12.463	105	249888	23.463	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32237	23.022	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	172905	24.415	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	207566	23.982	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	119396	22.599	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	120885	22.833	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	107488	22.883	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6828	23.066	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	87388	23.045	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	65144	22.705	ug/L	96
71) Naphthalene	15.365	128	118144	23.325	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	55936	22.539	ug/L	98

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

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