

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020773.D
 Acq On : 05 Nov 2021 11:20
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV418

Quant Time: Nov 20 03:01:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 20 02:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165478	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	153140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	84560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34557	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
7) Chloroethane-d5	2.879	69	21384	24.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	4.025	63	76613	23.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.074	46	25805	49.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.880%
24) Chloroform-d	7.653	84	88880	24.173	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	8.305	65	47090	24.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.275	84	161696	23.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.480%
36) 1,2-Dichloropropane-d6	9.274	67	51018	23.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.323	98	156689	23.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	10.579	79	25386	23.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.560%
47) 2-Hexanone-d5	10.921	63	20875	48.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	44540	25.088	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	65398	24.610	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	20805	30.833	ug/L	100
3) Chloromethane	2.215	50	46316	26.233	ug/L	99
5) Vinyl chloride	2.361	62	64861	25.469	ug/L	99
6) Bromomethane	2.776	94	32759	24.856	ug/L	100
8) Chloroethane	2.922	64	24494	26.157	ug/L	100
9) Trichlorofluoromethane	3.251	101	32286	23.903	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	54802	24.669	ug/L	91
12) 1,1-Dichloroethene	4.044	96	52823	24.951	ug/L	74
13) Acetone	4.123	43	21192	44.634	ug/L	93
14) Carbon disulfide	4.385	76	157766	24.688	ug/L	98
15) Methyl Acetate	4.672	43	22679	25.172	ug/L	96
16) Methylene chloride	4.915	84	53938	22.012	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	56610	25.155	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	78515	24.656	ug/L	97
19) 1,1-Dichloroethane	6.220	63	99159	25.441	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	60386	25.455	ug/L	78
22) 2-Butanone	7.171	43	32708	51.309	ug/L	94
23) Bromochloromethane	7.513	128	27975	25.555	ug/L	# 78
25) Chloroform	7.677	83	101419	24.995	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	67835	25.825	ug/L	99
29) Cyclohexane	7.958	56	96843	24.238	ug/L	91
30) 1,1,1-Trichloroethane	7.872	97	88469	24.310	ug/L	95
31) Carbon tetrachloride	8.067	117	85623	24.724	ug/L	98
33) Benzene	8.323	78	226623	24.709	ug/L	100
34) Trichloroethene	9.092	95	60628	24.834	ug/L	91
35) Methylcyclohexane	9.335	83	104911	24.625	ug/L	91
37) 1,2-Dichloropropane	9.366	63	55264	25.450	ug/L	98
38) Bromodichloromethane	9.646	83	77558	25.515	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	89641	25.366	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	70530	49.698	ug/L #	97
42) Toluene	10.390	91	246410	24.985	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	79474	24.862	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	41178	25.553	ug/L	93
46) Tetrachloroethene	10.860	164	54470	24.876	ug/L	95
48) 2-Hexanone	10.969	43	50775	48.998	ug/L #	96
49) Dibromochloromethane	11.128	129	54705	24.858	ug/L	98
50) 1,2-Dibromoethane	11.238	107	40979	25.079	ug/L #	96
51) Chlorobenzene	11.658	112	163081	25.636	ug/L	94
52) Ethylbenzene	11.731	91	282491	25.565	ug/L	98
53) m,p-Xylene	11.835	106	113403	25.614	ug/L	86
54) o-Xylene	12.164	106	107065	25.529	ug/L	90
55) Styrene	12.182	104	183673	25.761	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	47558	25.180	ug/L #	99
59) Bromoform	12.347	173	35156	24.580	ug/L	100
60) Isopropylbenzene	12.463	105	293456	25.179	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	34997	25.044	ug/L	94
62) 1,3,5-Trimethylbenzene	12.945	105	251128	25.075	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	247091	24.836	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	139650	25.843	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	135265	25.128	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	121230	25.397	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8588	25.141	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	108654	25.332	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	86507	24.193	ug/L	96
71) Naphthalene	15.365	128	154081	25.493	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	75481	24.841	ug/L	97

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

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