

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019766.D
 Acq On : 18 Aug 2021 11:14
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV443

Quant Time: Aug 19 05:09:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 18 10:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	355101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	332566	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	167930	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	146282	26.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.360%
7) Chloroethane-d5	2.898	69	124237	25.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.920%
11) 1,1-Dichloroethene-d2	4.032	63	239995	25.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.560%
21) 2-Butanone-d5	7.080	46	55983	50.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
24) Chloroform-d	7.653	84	247496	25.343	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.360%
26) 1,2-Dichloroethane-d4	8.311	65	132011	25.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.320%
32) Benzene-d6	8.275	84	489012	25.789	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.160%
36) 1,2-Dichloropropane-d6	9.275	67	143360	24.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.323	98	446394	25.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.579	79	61141	25.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.080%
47) 2-Hexanone-d5	10.927	63	39586	49.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116685	24.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	148323	25.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	93423	26.846	ug/L	98
3) Chloromethane	2.221	50	113118	26.120	ug/L	98
5) Vinyl chloride	2.373	62	161023	25.071	ug/L	100
6) Bromomethane	2.788	94	110622	23.211	ug/L	99
8) Chloroethane	2.934	64	102684	24.388	ug/L	98
9) Trichlorofluoromethane	3.270	101	100292	24.277	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	124309	25.351	ug/L	97
12) 1,1-Dichloroethene	4.044	96	118708	24.687	ug/L	85
13) Acetone	4.129	43	42022	44.047	ug/L	89
14) Carbon disulfide	4.391	76	387327	25.184	ug/L	100
15) Methyl Acetate	4.678	43	50075	25.216	ug/L	98
16) Methylene chloride	4.922	84	127506	20.921	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	128287	25.396	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	147347	25.341	ug/L	97
19) 1,1-Dichloroethane	6.226	63	227574	25.416	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133392	26.089	ug/L	99
22) 2-Butanone	7.171	43	63283	51.189	ug/L	98
23) Bromochloromethane	7.519	128	58034	25.362	ug/L	94
25) Chloroform	7.677	83	230591	24.892	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152359	25.212	ug/L	99
29) Cyclohexane	7.958	56	207335	26.548	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	186353	25.072	ug/L	99
31) Carbon tetrachloride	8.074	117	173665	25.065	ug/L	99
33) Benzene	8.330	78	523199	25.633	ug/L	100
34) Trichloroethene	9.098	95	132313	24.936	ug/L	94
35) Methylcyclohexane	9.342	83	238839	26.242	ug/L	98
37) 1,2-Dichloropropane	9.372	63	128270	25.374	ug/L	99
38) Bromodichloromethane	9.646	83	163963	25.038	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	193546	26.000	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	141514	52.646	ug/L	98
42) Toluene	10.390	91	558811	25.845	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	170617	26.039	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	91414	24.979	ug/L	96
46) Tetrachloroethene	10.866	164	100529	25.011	ug/L	92
48) 2-Hexanone	10.969	43	98484	52.632	ug/L	96
49) Dibromochloromethane	11.128	129	106397	25.415	ug/L	96
50) 1,2-Dibromoethane	11.238	107	86537	25.175	ug/L	99
51) Chlorobenzene	11.658	112	338803	24.672	ug/L	98
52) Ethylbenzene	11.731	91	605475	26.011	ug/L	96
53) m,p-Xylene	11.841	106	234257	26.206	ug/L	99
54) o-Xylene	12.164	106	218194	25.804	ug/L	94
55) Styrene	12.183	104	381124	26.378	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	109451	24.388	ug/L	95
59) Bromoform	12.347	173	53888	24.169	ug/L	100
60) Isopropylbenzene	12.463	105	592340	26.032	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	80825	24.548	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	496315	27.328	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	505316	27.450	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	255254	25.161	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	259750	24.910	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	233940	25.394	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18198	25.354	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	177104	25.337	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	147725	27.504	ug/L	98
71) Naphthalene	15.365	128	293529	27.401	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	130389	26.216	ug/L	98

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

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