

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024639.D
 Acq On : 26 Sep 2022 17:09
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV454

Quant Time: Sep 27 01:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 01:07:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	640857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	591825	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	272619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	180602	26.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.760%
7) Chloroethane-d5	2.885	69	91656	23.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.080%
11) 1,1-Dichloroethene-d2	4.025	63	369170	23.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.160%
21) 2-Butanone-d5	7.086	46	119238	49.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.920%
24) Chloroform-d	7.646	84	427426	24.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.305	65	222293	25.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.274	84	896767	23.707	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.840%
36) 1,2-Dichloropropane-d6	9.274	67	274029	23.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.840%
41) Toluene-d8	10.323	98	797493	23.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.360%
43) trans-1,3-Dichloroprop...	10.579	79	118572	23.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	10.920	63	93278	47.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	199670	24.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	235923	24.593	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	92563	23.526	ug/L	93
3) Chloromethane	2.214	50	195136	25.468	ug/L	99
5) Vinyl chloride	2.361	62	224792	28.534	ug/L	99
6) Bromomethane	2.781	94	79291	21.809	ug/L	99
8) Chloroethane	2.922	64	82424	24.817	ug/L	99
9) Trichlorofluoromethane	3.257	101	93341	21.179	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	215482	25.635	ug/L #	79
12) 1,1-Dichloroethene	4.043	96	216979	25.881	ug/L	89
13) Acetone	4.141	43	69168	39.327	ug/L	99
14) Carbon disulfide	4.391	76	688284	26.006	ug/L	99
15) Methyl Acetate	4.677	43	107358	27.566	ug/L	99
16) Methylene chloride	4.921	84	254689	20.236	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	246816	26.202	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	393388	26.339	ug/L	99
19) 1,1-Dichloroethane	6.214	63	460623	26.137	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	267064	26.423	ug/L	98
22) 2-Butanone	7.177	43	134003	47.633	ug/L	99
23) Bromochloromethane	7.512	128	109942	26.764	ug/L	94
25) Chloroform	7.677	83	437817	26.198	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	281949	26.812	ug/L	100
29) Cyclohexane	7.951	56	440510	23.897	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	349764	24.423	ug/L	99
31) Carbon tetrachloride	8.067	117	297796	24.556	ug/L	99
33) Benzene	8.323	78	1028729	24.835	ug/L	100
34) Trichloroethene	9.091	95	258971	24.667	ug/L	94
35) Methylcyclohexane	9.335	83	459082	23.853	ug/L	100
37) 1,2-Dichloropropane	9.366	63	259348	25.361	ug/L	99
38) Bromodichloromethane	9.640	83	320191	25.454	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	397216	24.563	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	310593	51.313	ug/L	99
42) Toluene	10.384	91	1061965	24.826	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	341619	24.640	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	178255	25.520	ug/L	98
46) Tetrachloroethene	10.859	164	175599	24.616	ug/L	94
48) 2-Hexanone	10.969	43	209033	51.071	ug/L	99
49) Dibromochloromethane	11.128	129	202513	25.747	ug/L	96
50) 1,2-Dibromoethane	11.231	107	165696	25.062	ug/L	98
51) Chlorobenzene	11.652	112	661571	25.259	ug/L	99
52) Ethylbenzene	11.725	91	1174845	24.935	ug/L	98
53) m,p-Xylene	11.835	106	447249	24.309	ug/L	100
54) o-Xylene	12.164	106	432033	24.866	ug/L	93
55) Styrene	12.176	104	725384	24.766	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	211230	25.827	ug/L	99
59) Bromoform	12.347	173	101213	26.265	ug/L	98
60) Isopropylbenzene	12.463	105	1148817	25.855	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	154660	26.336	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1001070	25.922	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1009108	26.673	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	456818	25.307	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	463141	26.356	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	420149	26.722	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	35658	25.677	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	306481	25.571	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	252568	25.084	ug/L	99
71) Naphthalene	15.358	128	581270	26.513	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	218649	25.515	ug/L	99

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

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