

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025111.D
 Acq On : 21 Nov 2022 12:12
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV472

Quant Time: Nov 22 03:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 03:12:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	468157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	416209	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192746	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136806	23.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
7) Chloroethane-d5	2.892	69	89731	23.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	4.026	63	305601	24.681	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.720%
21) 2-Butanone-d5	7.080	46	62012	51.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.760%
24) Chloroform-d	7.647	84	293271	24.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.305	65	146922	24.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.480%
32) Benzene-d6	8.275	84	604960	24.110	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	9.275	67	173664	23.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.323	98	546739	23.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.579	79	73345	25.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.200%
47) 2-Hexanone-d5	10.921	63	49923	54.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121383	25.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	165551	25.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41202	29.523	ug/L	94
3) Chloromethane	2.221	50	143893	27.827	ug/L	97
5) Vinyl chloride	2.367	62	186831	26.668	ug/L	100
6) Bromomethane	2.788	94	88977	26.127	ug/L	99
8) Chloroethane	2.928	64	88248	27.338	ug/L	99
9) Trichlorofluoromethane	3.263	101	143057	27.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	169790	26.824	ug/L	98
12) 1,1-Dichloroethene	4.044	96	163737	26.498	ug/L	94
13) Acetone	4.123	43	66953	52.272	ug/L	99
14) Carbon disulfide	4.385	76	552242	26.652	ug/L	98
15) Methyl Acetate	4.666	43	60630	29.020	ug/L	98
16) Methylene chloride	4.916	84	176909	21.275	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	177604	27.056	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	241606	27.770	ug/L	100
19) 1,1-Dichloroethane	6.220	63	313648	27.117	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	183135	26.936	ug/L	95
22) 2-Butanone	7.165	43	84922	52.630	ug/L	99
23) Bromochloromethane	7.513	128	76077	27.592	ug/L	97
25) Chloroform	7.677	83	315792	27.281	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	193019	27.623	ug/L	100
29) Cyclohexane	7.952	56	306933	26.792	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	265787	26.260	ug/L	99
31) Carbon tetrachloride	8.068	117	238599	25.977	ug/L	99
33) Benzene	8.324	78	720142	26.818	ug/L	100
34) Trichloroethene	9.092	95	183824	26.119	ug/L	94
35) Methylcyclohexane	9.336	83	332001	26.076	ug/L	98
37) 1,2-Dichloropropane	9.366	63	171949	26.615	ug/L	99
38) Bromodichloromethane	9.646	83	224172	27.163	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	267513	27.628	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	167528	58.696	ug/L	99
42) Toluene	10.384	91	753348	26.607	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	222201	28.095	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	119628	27.664	ug/L	96
46) Tetrachloroethene	10.860	164	130115	24.855	ug/L	92
48) 2-Hexanone	10.969	43	116145	56.330	ug/L	99
49) Dibromochloromethane	11.128	129	139852	27.069	ug/L	90
50) 1,2-Dibromoethane	11.232	107	112108	27.923	ug/L #	93
51) Chlorobenzene	11.658	112	478615	27.251	ug/L	96
52) Ethylbenzene	11.731	91	856701	26.887	ug/L	96
53) m,p-Xylene	11.835	106	326512	26.709	ug/L	92
54) o-Xylene	12.164	106	312822	27.402	ug/L	98
55) Styrene	12.177	104	531339	27.768	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	133470	27.957	ug/L	94
59) Bromoform	12.347	173	68955	27.913	ug/L	98
60) Isopropylbenzene	12.463	105	850698	27.277	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95803	27.785	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	731180	27.435	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	722838	28.126	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	343080	27.187	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	342507	27.385	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	297589	27.238	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19782	28.570	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	215072	26.483	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166639	27.697	ug/L	99
71) Naphthalene	15.359	128	332588	30.153	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	141014	28.104	ug/L	99

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

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