

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011022\
 Data File : VW021825.D
 Acq On : 10 Jan 2022 17:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025528

Quant Time: Jan 11 00:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	133584	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	134046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	83346	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	57405	21.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.879	69	51366	28.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.840%
11) 1,1-Dichloroethene-d2	4.019	63	90475	23.473	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.880%
21) 2-Butanone-d5	7.086	46	19302	50.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
24) Chloroform-d	7.647	84	115005	27.560	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.240%
26) 1,2-Dichloroethane-d4	8.305	65	54961	24.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.760%
32) Benzene-d6	8.275	84	220311	27.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.720%
36) 1,2-Dichloropropane-d6	9.275	67	59262	27.446	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.800%
41) Toluene-d8	10.323	98	217646	27.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.760%
43) trans-1,3-Dichloroprop...	10.579	79	24470	23.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.160%
47) 2-Hexanone-d5	10.927	63	18348	56.031	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	50073	28.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	90374	28.355	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	11587	14.628	ug/L	93
3) Chloromethane	2.209	50	44510	21.756	ug/L	97
5) Vinyl chloride	2.361	62	62648	20.762	ug/L	99
6) Bromomethane	2.782	94	43183	21.994	ug/L	96
8) Chloroethane	2.916	64	35030	24.363	ug/L	98
9) Trichlorofluoromethane	3.257	101	41825	23.038	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	50377	22.784	ug/L	# 81
12) 1,1-Dichloroethene	4.038	96	45206	22.859	ug/L	81
13) Acetone	4.147	43	12195	37.273	ug/L	87
14) Carbon disulfide	4.385	76	119850	20.943	ug/L	99
15) Methyl Acetate	4.684	43	13148	21.062	ug/L	# 83
16) Methylene chloride	4.916	84	46223	19.383	ug/L	77
17) trans-1,2-Dichloroethene	5.428	96	50013	23.940	ug/L	76
18) Methyl tert-butyl Ether	5.428	73	64211	22.073	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	75397	23.133	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	53255	24.557	ug/L	68
22) 2-Butanone	7.183	43	17501	39.347	ug/L	78
23) Bromochloromethane	7.519	128	26160	24.956	ug/L	# 58
25) Chloroform	7.677	83	89003	23.673	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	52294	21.444	ug/L #	92
29) Cyclohexane	7.958	56	69009	22.262	ug/L #	75
30) 1,1,1-Trichloroethane	7.872	97	79930	22.600	ug/L #	92
31) Carbon tetrachloride	8.074	117	77807	22.623	ug/L	100
33) Benzene	8.324	78	192318	23.514	ug/L	100
34) Trichloroethene	9.092	95	55578	23.938	ug/L	90
35) Methylcyclohexane	9.336	83	90600	23.651	ug/L #	80
37) 1,2-Dichloropropane	9.372	63	42402	23.393	ug/L #	95
38) Bromodichloromethane	9.646	83	59626	21.552	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	68104	22.996	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	39349	39.408	ug/L #	86
42) Toluene	10.390	91	220817	23.388	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	56831	21.358	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	35244	23.410	ug/L	95
46) Tetrachloroethene	10.860	164	54937	25.267	ug/L	91
48) 2-Hexanone	10.969	43	27217	40.137	ug/L #	81
49) Dibromochloromethane	11.128	129	46934	23.202	ug/L	91
50) 1,2-Dibromoethane	11.238	107	35349	23.378	ug/L #	92
51) Chlorobenzene	11.658	112	149140	24.482	ug/L	91
52) Ethylbenzene	11.725	91	245666	23.180	ug/L	98
53) m,p-Xylene	11.835	106	103118	24.283	ug/L	86
54) o-Xylene	12.164	106	96425	23.958	ug/L	93
55) Styrene	12.183	104	159539	23.081	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	38813	23.306	ug/L #	92
59) Bromoform	12.353	173	25694	21.123	ug/L	97
60) Isopropylbenzene	12.463	105	261586	22.515	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	27736	21.747	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.939	105	224879	22.894	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	223632	22.920	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	129126	23.539	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	126293	23.089	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	118343	24.710	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5088	18.118	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.621	180	93659	23.242	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	72948	22.679	ug/L	97
71) Naphthalene	15.365	128	120497	23.024	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	59884	22.117	ug/L	96

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

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