

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092821\
 Data File : VW020216.D
 Acq On : 28 Sep 2021 16:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Sep 29 00:59:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 29 00:57:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	305844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118915	19.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.040%
7) Chloroethane-d5	2.898	69	102273	21.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	4.025	63	201270	20.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	7.080	46	41903	43.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.800%
24) Chloroform-d	7.653	84	219806	22.852	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	121828	23.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.120%
32) Benzene-d6	8.275	84	415937	22.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.274	67	119606	22.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	10.323	98	400963	23.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	10.579	79	54782	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.720%
47) 2-Hexanone-d5	10.927	63	35311	47.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	99021	23.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	131741	21.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	71841	26.818	ug/L	93
3) Chloromethane	2.221	50	84024	22.683	ug/L	98
5) Vinyl chloride	2.373	62	145528	25.020	ug/L	98
6) Bromomethane	2.794	94	97000	25.797	ug/L	96
8) Chloroethane	2.934	64	90411	25.704	ug/L	99
9) Trichlorofluoromethane	3.269	101	99235	24.249	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	106380	23.779	ug/L	99
12) 1,1-Dichloroethene	4.050	96	94862	23.388	ug/L	81
13) Acetone	4.141	43	40667	49.179	ug/L	98
14) Carbon disulfide	4.391	76	292913	22.964	ug/L	99
15) Methyl Acetate	4.684	43	37159	23.499	ug/L	98
16) Methylene chloride	4.922	84	110580	20.490	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	99095	23.191	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	115129	22.697	ug/L	99
19) 1,1-Dichloroethane	6.220	63	183289	23.257	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	101509	23.359	ug/L	96
22) 2-Butanone	7.177	43	49670	46.299	ug/L	97
23) Bromochloromethane	7.513	128	46526	23.619	ug/L	97
25) Chloroform	7.677	83	193843	23.521	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	130265	24.018	ug/L	98
29) Cyclohexane	7.958	56	152429	23.366	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	166752	22.954	ug/L	100
31) Carbon tetrachloride	8.073	117	156877	23.734	ug/L	99
33) Benzene	8.323	78	416307	23.529	ug/L	100
34) Trichloroethene	9.092	95	106672	22.522	ug/L	97
35) Methylcyclohexane	9.335	83	184085	23.853	ug/L	99
37) 1,2-Dichloropropane	9.372	63	101149	23.081	ug/L	99
38) Bromodichloromethane	9.646	83	140345	23.649	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	151988	23.514	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	104278	47.246	ug/L	100
42) Toluene	10.390	91	462058	24.581	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	140321	24.168	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	73988	23.025	ug/L	97
46) Tetrachloroethene	10.866	164	83518	22.813	ug/L	98
48) 2-Hexanone	10.969	43	79656	51.810	ug/L	100
49) Dibromochloromethane	11.128	129	88393	23.541	ug/L	99
50) 1,2-Dibromoethane	11.238	107	68748	22.733	ug/L	100
51) Chlorobenzene	11.658	112	284341	23.258	ug/L	98
52) Ethylbenzene	11.731	91	504984	24.391	ug/L	97
53) m,p-Xylene	11.841	106	192995	24.451	ug/L	95
54) o-Xylene	12.170	106	182392	24.980	ug/L	94
55) Styrene	12.182	104	319503	25.183	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	92505	24.102	ug/L	95
59) Bromoform	12.347	173	48347	22.102	ug/L	99
60) Isopropylbenzene	12.463	105	499236	23.207	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	67640	22.327	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	417067	23.623	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	406885	23.461	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	220044	22.304	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	226919	22.257	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	202829	22.574	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	15214	22.371	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	156543	22.941	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	118158	22.437	ug/L	94
71) Naphthalene	15.365	128	223312	24.043	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	115834	24.428	ug/L	96

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

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