

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092221\
 Data File : VW020114.D
 Acq On : 22 Sep 2021 16:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Sep 23 01:20:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	310320	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	297914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	148119	23.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
7) Chloroethane-d5	2.898	69	120717	25.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.960%
11) 1,1-Dichloroethene-d2	4.032	63	213626	21.492	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.960%
21) 2-Butanone-d5	7.080	46	46996	47.972	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.940%
24) Chloroform-d	7.653	84	243605	24.961	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.311	65	133719	25.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.275	84	463719	24.398	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	9.274	67	133233	24.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	10.323	98	423869	24.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.040%
43) trans-1,3-Dichloroprop...	10.579	79	56268	23.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.720%
47) 2-Hexanone-d5	10.927	63	39245	51.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108637	25.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	142371	23.700	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	63837	23.487	ug/L	99
3) Chloromethane	2.221	50	105150	27.977	ug/L	98
5) Vinyl chloride	2.367	62	159981	27.108	ug/L	99
6) Bromomethane	2.788	94	107289	28.121	ug/L	95
8) Chloroethane	2.934	64	99609	27.911	ug/L	98
9) Trichlorofluoromethane	3.263	101	89949	21.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	110668	24.380	ug/L	97
12) 1,1-Dichloroethene	4.050	96	101770	24.730	ug/L	85
13) Acetone	4.129	43	35318	42.094	ug/L	98
14) Carbon disulfide	4.391	76	333550	25.773	ug/L	99
15) Methyl Acetate	4.678	43	41626	25.944	ug/L	99
16) Methylene chloride	4.922	84	122235	22.323	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	111792	25.786	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	130897	25.434	ug/L	99
19) 1,1-Dichloroethane	6.220	63	209685	26.222	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	116780	26.486	ug/L	97
22) 2-Butanone	7.177	43	51086	46.932	ug/L	98
23) Bromochloromethane	7.519	128	54062	27.048	ug/L	97
25) Chloroform	7.677	83	222270	26.581	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147494	26.803	ug/L	99
29) Cyclohexane	7.964	56	164676	24.842	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	181537	24.591	ug/L	99
31) Carbon tetrachloride	8.067	117	168157	25.036	ug/L	98
33) Benzene	8.323	78	476972	26.529	ug/L	100
34) Trichloroethene	9.092	95	121598	25.264	ug/L	96
35) Methylcyclohexane	9.335	83	201983	25.756	ug/L	99
37) 1,2-Dichloropropane	9.372	63	118837	26.685	ug/L	100
38) Bromodichloromethane	9.646	83	159433	26.438	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	170248	25.920	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	119337	53.208	ug/L	99
42) Toluene	10.390	91	523551	27.409	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	155505	26.357	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	85731	26.255	ug/L	93
46) Tetrachloroethene	10.866	164	94658	25.445	ug/L	90
48) 2-Hexanone	10.969	43	82394	52.737	ug/L	100
49) Dibromochloromethane	11.128	129	102047	26.745	ug/L	92
50) 1,2-Dibromoethane	11.238	107	79671	25.926	ug/L	98
51) Chlorobenzene	11.658	112	323075	26.005	ug/L	97
52) Ethylbenzene	11.731	91	565612	26.884	ug/L	100
53) m,p-Xylene	11.841	106	219147	27.322	ug/L	98
54) o-Xylene	12.164	106	206143	27.783	ug/L	99
55) Styrene	12.182	104	364604	28.280	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	102420	26.260	ug/L	98
59) Bromoform	12.347	173	55881	25.583	ug/L	94
60) Isopropylbenzene	12.463	105	560127	26.076	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	76043	25.137	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	470357	26.681	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	466972	26.965	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	248885	25.264	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	253202	24.871	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	230563	25.698	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16555	24.379	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.627	180	159458	23.403	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	126798	24.113	ug/L	93
71) Naphthalene	15.365	128	243342	26.238	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	120146	25.374	ug/L	97

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

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