

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022155.D
 Acq On : 03 Mar 2022 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Mar 04 00:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 28 01:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174574	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	158241	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42893	18.838	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.360%
7) Chloroethane-d5	2.885	69	31656	17.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
11) 1,1-Dichloroethene-d2	4.019	63	69622	19.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	7.074	46	14594	38.120	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.240%
24) Chloroform-d	7.647	84	84797	21.771	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	8.305	65	39617	19.567	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.280%
32) Benzene-d6	8.275	84	148974	20.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	9.274	67	43334	21.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	10.323	98	144855	19.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.120%
43) trans-1,3-Dichloroprop...	10.579	79	18100	19.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.840%
47) 2-Hexanone-d5	10.921	63	13317	39.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37415	20.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	59188	20.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11392	23.350	ug/L	95
3) Chloromethane	2.215	50	41273	24.687	ug/L	98
5) Vinyl chloride	2.361	62	62825	25.010	ug/L	97
6) Bromomethane	2.776	94	36447	20.775	ug/L	95
8) Chloroethane	2.922	64	31595	22.390	ug/L	98
9) Trichlorofluoromethane	3.257	101	41172	24.141	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	51837	24.913	ug/L	97
12) 1,1-Dichloroethene	4.038	96	44212	24.517	ug/L	95
13) Acetone	4.129	43	13775	44.054	ug/L	97
14) Carbon disulfide	4.385	76	103298	22.094	ug/L	97
15) Methyl Acetate	4.666	43	14080	20.002	ug/L	# 77
16) Methylene chloride	4.909	84	45788	21.368	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	49653	25.068	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	65221	24.203	ug/L	99
19) 1,1-Dichloroethane	6.214	63	84237	26.269	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	54269	25.292	ug/L	96
22) 2-Butanone	7.171	43	21023	46.804	ug/L	98
23) Bromochloromethane	7.513	128	25429	24.261	ug/L	94
25) Chloroform	7.677	83	97173	25.972	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	55303	23.998	ug/L	99
29) Cyclohexane	7.952	56	69924	26.552	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	87024	27.335	ug/L	99
31) Carbon tetrachloride	8.067	117	82337	27.212	ug/L	100
33) Benzene	8.323	78	199638	26.094	ug/L	100
34) Trichloroethene	9.092	95	57409	26.208	ug/L	97
35) Methylcyclohexane	9.335	83	90113	26.596	ug/L	99
37) 1,2-Dichloropropane	9.366	63	46560	26.087	ug/L	98
38) Bromodichloromethane	9.640	83	67991	26.564	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	72390	26.682	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	41893	43.464	ug/L	98
42) Toluene	10.384	91	229620	26.518	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	64766	26.565	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	37430	23.650	ug/L	99
46) Tetrachloroethene	10.860	164	49101	25.588	ug/L	92
48) 2-Hexanone	10.963	43	33072	49.437	ug/L	98
49) Dibromochloromethane	11.128	129	49536	25.767	ug/L	99
50) 1,2-Dibromoethane	11.231	107	34871	22.843	ug/L #	88
51) Chlorobenzene	11.652	112	155844	25.861	ug/L	98
52) Ethylbenzene	11.731	91	264190	27.568	ug/L	99
53) m,p-Xylene	11.841	106	107343	27.222	ug/L	97
54) o-Xylene	12.164	106	101243	27.287	ug/L	99
55) Styrene	12.176	104	170343	27.386	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	42062	22.905	ug/L	100
59) Bromoform	12.347	173	26428	22.465	ug/L #	99
60) Isopropylbenzene	12.463	105	287748	26.946	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	29396	20.937	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	194376	27.373	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	235168	27.098	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	135371	25.554	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	131676	24.804	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	118323	25.122	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5934	19.992	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	94523	24.860	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	72408	25.169	ug/L	98
71) Naphthalene	15.359	128	116695	22.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	61874	24.865	ug/L	97

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

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