

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020819.D
 Acq On : 08 Nov 2021 18:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: Nov 20 03:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 20 02:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	135361	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	127976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71359	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28802	22.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
7) Chloroethane-d5	2.879	69	17721	24.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	4.019	63	55816	20.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.560%
21) 2-Butanone-d5	7.080	46	22636	53.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.120%
24) Chloroform-d	7.647	84	70480	23.433	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.305	65	37900	23.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.275	84	123480	21.356	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	9.275	67	39951	22.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	10.323	98	121393	21.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	10.573	79	19698	22.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.720%
47) 2-Hexanone-d5	10.921	63	18414	50.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	38145	25.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	54851	24.459	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	26493	47.999	ug/L	100
3) Chloromethane	2.215	50	34611	23.965	ug/L	100
5) Vinyl chloride	2.355	62	54871	26.340	ug/L	100
6) Bromomethane	2.770	94	30984	28.739	ug/L	97
8) Chloroethane	2.916	64	20454	26.703	ug/L	98
9) Trichlorofluoromethane	3.251	101	21414	19.381	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45063	24.798	ug/L	91
12) 1,1-Dichloroethene	4.038	96	41655	24.053	ug/L	78
13) Acetone	4.123	43	17474	44.992	ug/L	93
14) Carbon disulfide	4.379	76	118516	22.672	ug/L	98
15) Methyl Acetate	4.672	43	18384	24.945	ug/L #	82
16) Methylene chloride	4.916	84	44962	22.431	ug/L	91
17) trans-1,2-Dichloroethene	5.422	96	45061	24.478	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	61840	23.740	ug/L	95
19) 1,1-Dichloroethane	6.214	63	75954	23.823	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	48539	25.013	ug/L	76
22) 2-Butanone	7.171	43	26245	50.331	ug/L	90
23) Bromochloromethane	7.513	128	22683	25.331	ug/L #	73
25) Chloroform	7.677	83	80732	24.323	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52905	24.622	ug/L #	95
29) Cyclohexane	7.952	56	72844	21.817	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	69796	22.950	ug/L	93
31) Carbon tetrachloride	8.067	117	65720	22.709	ug/L	99
33) Benzene	8.323	78	174399	22.754	ug/L	100
34) Trichloroethene	9.092	95	48106	23.580	ug/L	91
35) Methylcyclohexane	9.335	83	82289	23.114	ug/L	89
37) 1,2-Dichloropropane	9.366	63	41854	23.064	ug/L #	97
38) Bromodichloromethane	9.640	83	60541	23.833	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	69785	23.630	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	57892	48.814	ug/L #	95
42) Toluene	10.384	91	200732	24.355	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	64173	24.023	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33475	24.857	ug/L	94
46) Tetrachloroethene	10.860	164	44837	24.503	ug/L	93
48) 2-Hexanone	10.963	43	41736	48.194	ug/L #	94
49) Dibromochloromethane	11.128	129	44804	24.362	ug/L	93
50) 1,2-Dibromoethane	11.232	107	33279	24.371	ug/L	96
51) Chlorobenzene	11.658	112	129104	24.286	ug/L	94
52) Ethylbenzene	11.731	91	219749	23.797	ug/L	97
53) m,p-Xylene	11.841	106	89571	24.210	ug/L	92
54) o-Xylene	12.164	106	87349	24.923	ug/L	97
55) Styrene	12.176	104	146420	24.575	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	40499	25.659	ug/L #	93
59) Bromoform	12.347	173	30279	25.086	ug/L	97
60) Isopropylbenzene	12.463	105	234414	23.834	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	29998	25.438	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	203127	24.034	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	200614	23.895	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	113821	24.960	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	111039	24.444	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	102748	25.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	7238	25.108	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	91848	25.375	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	77474	25.675	ug/L	93
71) Naphthalene	15.359	128	131378	25.758	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	66091	25.774	ug/L	95

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

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