

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020899.D
 Acq On : 15 Nov 2021 18:20
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Nov 16 04:00:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 12:12:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	122474	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	110412	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	62781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33916	23.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
7) Chloroethane-d5	2.885	69	20964	22.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	4.019	63	56819	20.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	7.080	46	17970	50.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.360%
24) Chloroform-d	7.647	84	69827	22.627	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.305	65	36971	23.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	8.275	84	136647	23.482	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.274	67	38654	23.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	10.323	98	131549	22.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	10.579	79	18831	24.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.920	63	15355	55.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33326	26.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	54765	24.475	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10755	30.343	ug/L	98
3) Chloromethane	2.215	50	22781	21.140	ug/L	99
5) Vinyl chloride	2.361	62	39876	21.394	ug/L	96
6) Bromomethane	2.776	94	18680	18.074	ug/L	97
8) Chloroethane	2.922	64	15800	20.163	ug/L	99
9) Trichlorofluoromethane	3.251	101	19227	17.709	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35277	21.373	ug/L	91
12) 1,1-Dichloroethene	4.044	96	32003	20.855	ug/L	75
13) Acetone	4.123	43	14917	47.118	ug/L	93
14) Carbon disulfide	4.385	76	77981	18.790	ug/L	98
15) Methyl Acetate	4.672	43	13462	23.711	ug/L	91
16) Methylene chloride	4.921	84	34896	20.429	ug/L	85
17) trans-1,2-Dichloroethene	5.421	96	34231	20.698	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	55324	22.285	ug/L	94
19) 1,1-Dichloroethane	6.214	63	58053	21.185	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37993	21.315	ug/L	73
22) 2-Butanone	7.177	43	20072	46.665	ug/L	89
23) Bromochloromethane	7.519	128	18364	22.536	ug/L	# 63
25) Chloroform	7.677	83	65034	21.713	ug/L	100

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

27) 1,2-Dichloroethane	8.403	62	40708	22.445	ug/L	97
29) Cyclohexane	7.958	56	50307	20.437	ug/L #	84
30) 1,1,1-Trichloroethane	7.878	97	56923	21.439	ug/L	94
31) Carbon tetrachloride	8.073	117	53684	21.362	ug/L	99
33) Benzene	8.323	78	134969	21.590	ug/L	100
34) Trichloroethene	9.091	95	37593	21.499	ug/L	92
35) Methylcyclohexane	9.335	83	58805	20.398	ug/L	86
37) 1,2-Dichloropropane	9.366	63	32671	22.455	ug/L #	95
38) Bromodichloromethane	9.646	83	47723	22.856	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	54784	22.806	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	43499	50.231	ug/L #	93
42) Toluene	10.390	91	150839	21.451	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	48476	22.962	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	27314	24.138	ug/L	92
46) Tetrachloroethene	10.859	164	34612	21.558	ug/L	88
48) 2-Hexanone	10.969	43	31184	51.987	ug/L #	94
49) Dibromochloromethane	11.128	129	36384	23.323	ug/L	100
50) 1,2-Dibromoethane	11.237	107	27508	24.247	ug/L	99
51) Chlorobenzene	11.658	112	102726	21.965	ug/L	92
52) Ethylbenzene	11.731	91	168131	21.578	ug/L	97
53) m,p-Xylene	11.835	106	69328	21.793	ug/L	83
54) o-Xylene	12.164	106	67091	21.960	ug/L	93
55) Styrene	12.182	104	113051	22.285	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	31803	25.358	ug/L #	92
59) Bromoform	12.347	173	22681	24.229	ug/L	97
60) Isopropylbenzene	12.463	105	180889	21.154	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	23588	25.614	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	156498	21.695	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	154577	21.719	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	91482	22.819	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	91828	22.707	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	81005	22.930	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5616	25.509	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.621	180	66557	20.961	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	60623	23.337	ug/L	95
71) Naphthalene	15.365	128	107119	25.307	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	52718	24.049	ug/L	95

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

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