

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045881.D
 Acq On : 18 Nov 2021 20:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Nov 19 00:56:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	52650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29294	3.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.916	69	23516	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.569	65	12473	3.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.642	46	95012	45.948	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	5.067	84	53204	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.707	65	30900	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.729	84	108186	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.694	67	35922	4.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.900	98	98813	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.182	79	14103	4.075	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.636	63	69325	44.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32105	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	37609	4.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	36191	4.564	ug/L	100
3) Chloromethane	1.520	50	31637	3.765	ug/L	96
5) Vinyl chloride	1.607	62	36196	4.292	ug/L	98
6) Bromomethane	1.861	94	11706	2.340	ug/L	96
8) Chloroethane	1.938	64	22003	4.575	ug/L	96
9) Trichlorofluoromethane	2.141	101	50798	4.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	29154	4.566	ug/L	97
12) 1,1-Dichloroethene	2.585	96	27286	4.526	ug/L	86
13) Acetone	2.662	43	59120	48.575	ug/L	95
14) Carbon disulfide	2.797	76	80475	4.221	ug/L	100
15) Methyl Acetate	2.961	43	13331	4.464	ug/L	94
16) Methylene chloride	3.051	84	32873	3.693	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	74583	4.752	ug/L	99
18) trans-1,2-Dichloroethene	3.360	96	28870	4.467	ug/L	99
19) 1,1-Dichloroethane	3.874	63	56437	4.662	ug/L	99
21) 2-Butanone	4.720	43	99237	48.460	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	33844	4.830	ug/L	99
23) Bromochloromethane	4.980	128	15293	5.008	ug/L	96
25) Chloroform	5.093	83	61070	4.650	ug/L	95

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27) 1,2-Dichloroethane	5.797	62	39517	4.715	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	51058	4.784	ug/L	99
30) Cyclohexane	5.392	56	46344	4.379	ug/L	100
31) Carbon tetrachloride	5.527	117	42794	4.769	ug/L	100
33) Benzene	5.777	78	125639	4.584	ug/L	100
34) Trichloroethene	6.546	95	31937	4.521	ug/L	97
35) Methylcyclohexane	6.768	83	48359	4.458	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34323	4.758	ug/L	100
38) Bromodichloromethane	7.109	83	42582	4.785	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	48193	4.702	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	231221	48.872	ug/L	98
42) Toluene	7.973	91	136694	4.831	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42171	4.729	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	26015	4.858	ug/L	97
47) Tetrachloroethene	8.555	164	24245	4.903	ug/L	97
48) 2-Hexanone	8.687	43	171885	50.289	ug/L	97
49) Dibromochloromethane	8.813	129	29512	4.839	ug/L	99
50) 1,2-Dibromoethane	8.925	107	24881	4.932	ug/L	98
51) Chlorobenzene	9.449	112	87249	4.916	ug/L	99
52) Ethylbenzene	9.572	91	142832	4.823	ug/L	100
53) m,p-Xylene	9.697	106	56159	4.951	ug/L	93
54) o-Xylene	10.102	106	54906	5.016	ug/L	97
55) Styrene	10.118	104	95995	5.209	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	33664	4.908	ug/L	95
59) Bromoform	10.292	173	15898	4.559	ug/L	98
60) Isopropylbenzene	10.488	105	146339	4.734	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	24943	4.564	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	118624	4.693	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	120515	4.759	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	69953	4.851	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	69170	4.722	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	66277	4.794	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4730	4.160	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	50007	4.636	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	43767	4.795	ug/L	99
71) Naphthalene	14.086	128	85320	4.550	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43633	4.804	ug/L	99

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

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