

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045883.D
 Acq On : 19 Nov 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Nov 22 03:47:30 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	100108	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	54370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33865	4.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.919	69	26644	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.575	65	13869	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.649	46	114074	53.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.070	84	55522	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.706	65	34849	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.732	84	117831	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.697	67	38500	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.902	98	106050	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.182	79	15799	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.639	63	82124	50.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	35993	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	40456	4.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37313	4.578	ug/L	99
3) Chloromethane	1.520	50	35387	4.097	ug/L	99
5) Vinyl chloride	1.607	62	39578	4.565	ug/L	100
6) Bromomethane	1.861	94	25211	4.903	ug/L	99
8) Chloroethane	1.938	64	24297	4.915	ug/L	100
9) Trichlorofluoromethane	2.144	101	54852	4.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32125	4.895	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29942	4.832	ug/L	94
13) Acetone	2.668	43	69130	55.258	ug/L	95
14) Carbon disulfide	2.800	76	86024	4.389	ug/L	100
15) Methyl Acetate	2.964	43	16379	5.336	ug/L	93
16) Methylene chloride	3.051	84	35438	3.873	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	82415	5.109	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	31715	4.774	ug/L	97
19) 1,1-Dichloroethane	3.877	63	62102	4.990	ug/L	99
21) 2-Butanone	4.729	43	119458	56.751	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	35317	4.904	ug/L	99
23) Bromochloromethane	4.980	128	16805	5.353	ug/L	96
25) Chloroform	5.095	83	69520	5.149	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42686	4.955	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	55021	4.970	ug/L	99
30) Cyclohexane	5.395	56	50282	4.579	ug/L	98
31) Carbon tetrachloride	5.530	117	45501	4.887	ug/L	100
33) Benzene	5.780	78	135980	4.782	ug/L	100
34) Trichloroethene	6.546	95	36062	4.921	ug/L	97
35) Methylcyclohexane	6.767	83	52102	4.630	ug/L	98
37) 1,2-Dichloropropane	6.793	63	37317	4.987	ug/L	99
38) Bromodichloromethane	7.108	83	45951	4.977	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	52975	4.982	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	269754	54.960	ug/L	99
42) Toluene	7.973	91	148531	5.060	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	47103	5.092	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	29172	5.251	ug/L	99
47) Tetrachloroethene	8.555	164	25650	5.000	ug/L	98
48) 2-Hexanone	8.687	43	202506	57.111	ug/L	99
49) Dibromochloromethane	8.812	129	33361	5.273	ug/L	95
50) 1,2-Dibromoethane	8.928	107	27573	5.268	ug/L	95
51) Chlorobenzene	9.449	112	93456	5.076	ug/L	98
52) Ethylbenzene	9.574	91	157267	5.119	ug/L	100
53) m,p-Xylene	9.697	106	62277	5.292	ug/L	98
54) o-Xylene	10.105	106	59328	5.224	ug/L	98
55) Styrene	10.118	104	104592	5.471	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	38113	5.357	ug/L	95
59) Bromoform	10.295	173	18847	5.234	ug/L	99
60) Isopropylbenzene	10.488	105	158393	4.962	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28487	5.047	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	130626	5.005	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	132095	5.052	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	76198	5.117	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	76562	5.061	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72800	5.099	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	5368	4.571	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	55653	4.996	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47616	5.052	ug/L	99
71) Naphthalene	14.089	128	97878	5.054	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	47623	5.078	ug/L	99

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

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