

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047355.D
 Acq On : 05 Mar 2022 01:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Mar 05 01:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	183075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	174409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98426	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63753	4.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.919	69	55203	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.575	65	26718	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.639	46	179914	42.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.360%
24) Chloroform-d	5.070	84	125845	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.706	65	68714	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.732	84	248802	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.694	67	78971	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.899	98	233515	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.182	79	33748	5.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.636	63	199181	52.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	80026	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	102267	5.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	67926	5.885	ug/L	100
3) Chloromethane	1.527	50	71958	5.638	ug/L	99
5) Vinyl chloride	1.607	62	69707	5.742	ug/L	100
6) Bromomethane	1.864	94	38045	5.787	ug/L	99
8) Chloroethane	1.941	64	40810	5.812	ug/L	98
9) Trichlorofluoromethane	2.144	101	90016	5.965	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	52535	5.964	ug/L	93
12) 1,1-Dichloroethene	2.588	96	52135	5.810	ug/L	82
13) Acetone	2.658	43	72733	42.239	ug/L	98
14) Carbon disulfide	2.800	76	167308	5.785	ug/L	99
15) Methyl Acetate	2.964	43	22659	5.743	ug/L	93
16) Methylene chloride	3.054	84	59775	5.722	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	137502	5.722	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	56994	5.848	ug/L	91
19) 1,1-Dichloroethane	3.877	63	95792	5.904	ug/L	98
21) 2-Butanone	4.719	43	136258	41.627	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	61917	5.836	ug/L	95
23) Bromochloromethane	4.980	128	31280	5.904	ug/L #	83
25) Chloroform	5.092	83	100902	5.684	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	66087	5.527	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	88354	6.033	ug/L	98
30) Cyclohexane	5.395	56	85193	5.945	ug/L	96
31) Carbon tetrachloride	5.530	117	76056	6.014	ug/L	100
33) Benzene	5.777	78	229736	5.837	ug/L	100
34) Trichloroethene	6.546	95	62127	6.005	ug/L	93
35) Methylcyclohexane	6.764	83	94079	5.931	ug/L	94
37) 1,2-Dichloropropane	6.793	63	57603	5.901	ug/L	100
38) Bromodichloromethane	7.108	83	73580	5.744	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	87794	5.665	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	410516	55.754	ug/L	97
42) Toluene	7.970	91	249882	5.857	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	78197	5.694	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	49600	5.876	ug/L	98
47) Tetrachloroethene	8.555	164	52307	5.935	ug/L	93
48) 2-Hexanone	8.687	43	308030	56.089	ug/L	98
49) Dibromochloromethane	8.809	129	57181	5.756	ug/L	99
50) 1,2-Dibromoethane	8.925	107	48949	5.677	ug/L #	95
51) Chlorobenzene	9.446	112	167040	5.814	ug/L	97
52) Ethylbenzene	9.571	91	271405	5.947	ug/L	99
53) m,p-Xylene	9.693	106	106584	5.877	ug/L	98
54) o-Xylene	10.102	106	102999	5.889	ug/L	99
55) Styrene	10.115	104	175763	5.927	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	64930	5.557	ug/L	97
59) Bromoform	10.291	173	36497	5.748	ug/L #	98
60) Isopropylbenzene	10.484	105	270965	6.136	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	46763	5.722	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	178486	6.056	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	234111	6.099	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	141757	6.000	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	143119	5.913	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	137958	5.905	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	10700	5.731	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.217	180	119251	6.054	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	106135	5.929	ug/L	98
71) Naphthalene	14.086	128	197437	5.532	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	98839	5.931	ug/L	97

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

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