

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049155.D
 Acq On : 15 Jun 2022 07:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005112

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 08:51:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	140813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60308	4.901	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.916	69	40826	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.568	65	23451	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.636	46	197529	60.126	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.260%
24) Chloroform-d	5.063	84	98548	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.703	65	54455	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.729	84	192917m	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.690	67	66210	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.899	98	172422	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.179	79	24307	4.159	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.632	63	127866	54.233	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	56348	5.349	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	64047	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	62889	5.232	ug/L	99
3) Chloromethane	1.520	50	70245	5.323	ug/L	97
5) Vinyl chloride	1.604	62	66344	5.604	ug/L	97
6) Bromomethane	1.858	94	32488	4.987	ug/L	98
8) Chloroethane	1.935	64	35254	5.145	ug/L	99
9) Trichlorofluoromethane	2.141	101	74989	5.459	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	44032	5.414	ug/L	99
12) 1,1-Dichloroethene	2.581	96	41965	5.300	ug/L	98
13) Acetone	2.649	43	91567	56.316	ug/L	99
14) Carbon disulfide	2.793	76	139237	5.324	ug/L	100
15) Methyl Acetate	2.961	43	26534	6.102	ug/L	97
16) Methylene chloride	3.047	84	50620	4.860	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	130702	5.458	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	45844	5.226	ug/L	94
19) 1,1-Dichloroethane	3.871	63	93301	5.394	ug/L	96
21) 2-Butanone	4.716	43	175376	56.565	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	52408	5.342	ug/L	97
23) Bromochloromethane	4.973	128	22904	5.453	ug/L	96
25) Chloroform	5.089	83	91452	5.267	ug/L	99

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27) 1,2-Dichloroethane	5.797	62	60525	5.293	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	80240	5.218	ug/L	99
30) Cyclohexane	5.391	56	90859	5.199	ug/L	98
31) Carbon tetrachloride	5.526	117	67249	5.223	ug/L	100
33) Benzene	5.774	78	205813	5.376	ug/L	100
34) Trichloroethene	6.542	95	52013	5.315	ug/L	98
35) Methylcyclohexane	6.764	83	85409	5.204	ug/L	100
37) 1,2-Dichloropropane	6.793	63	56580	5.378	ug/L	100
38) Bromodichloromethane	7.105	83	67740	5.268	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	74528	4.661	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	450482	57.636	ug/L	99
42) Toluene	7.970	91	214970	5.295	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64969	4.678	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	39719	5.416	ug/L	96
47) Tetrachloroethene	8.552	164	36540	5.414	ug/L	98
48) 2-Hexanone	8.684	43	330009	59.155	ug/L	98
49) Dibromochloromethane	8.809	129	44256	5.289	ug/L	97
50) 1,2-Dibromoethane	8.925	107	37348	5.493	ug/L	99
51) Chlorobenzene	9.446	112	128252	5.188	ug/L	99
52) Ethylbenzene	9.571	91	233483	5.265	ug/L	99
53) m,p-Xylene	9.693	106	85803	5.207	ug/L	98
54) o-Xylene	10.099	106	84875	5.195	ug/L	99
55) Styrene	10.115	104	143748	5.253	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	53317	5.493	ug/L	100
59) Bromoform	10.291	173	25862	5.255	ug/L	99
60) Isopropylbenzene	10.484	105	227728	5.103	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	39171	5.329	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	196665	4.993	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	193239	4.952	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	97342	5.096	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	95469	5.058	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	94827	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	9908	4.945	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	73394	5.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	57888	5.084	ug/L	97
71) Naphthalene	14.086	128	113353	5.010	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	56742	5.300	ug/L	98

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

