

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046819.D
 Acq On : 21 Jan 2022 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Jan 24 00:17:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33409	3.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.919	69	29184	4.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.575	65	14167	3.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.658	46	129932	48.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.070	84	69599	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.707	65	40186	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.732	84	133997	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.694	67	41122	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.903	98	120437	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.182	79	17943	4.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.642	63	138167	53.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	49580	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	47434	4.038	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52908	5.249	ug/L	99
3) Chloromethane	1.523	50	44409	5.350	ug/L	99
5) Vinyl chloride	1.607	62	45130	5.222	ug/L	99
6) Bromomethane	1.864	94	26061	4.820	ug/L	97
8) Chloroethane	1.941	64	25432	5.113	ug/L	95
9) Trichlorofluoromethane	2.144	101	57024	5.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32618	5.210	ug/L	97
12) 1,1-Dichloroethene	2.588	96	30578	5.111	ug/L	80
13) Acetone	2.681	43	71630	48.962	ug/L	94
14) Carbon disulfide	2.800	76	96989	4.936	ug/L	98
15) Methyl Acetate	2.967	43	13141	4.112	ug/L #	88
16) Methylene chloride	3.054	84	35335	4.890	ug/L	89
17) Methyl tert-butyl Ether	3.369	73	84386	5.027	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	32313	4.986	ug/L	90
19) 1,1-Dichloroethane	3.877	63	58187	5.348	ug/L	97
21) 2-Butanone	4.736	43	114525	48.676	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	35346	5.170	ug/L	95
23) Bromochloromethane	4.980	128	17512	5.207	ug/L	93
25) Chloroform	5.092	83	72175	4.180	ug/L	98

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27) 1,2-Dichloroethane	5.800	62	41406	5.433	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	52828	5.249	ug/L	98
30) Cyclohexane	5.395	56	51213	5.017	ug/L	97
31) Carbon tetrachloride	5.530	117	45355	5.252	ug/L	97
33) Benzene	5.781	78	133670	5.081	ug/L	100
34) Trichloroethene	6.546	95	34140	4.998	ug/L	98
35) Methylcyclohexane	6.768	83	55352	4.838	ug/L	95
37) 1,2-Dichloropropane	6.797	63	34174	5.295	ug/L	99
38) Bromodichloromethane	7.108	83	45773	4.928	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	48774	4.844	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	282668	59.743	ug/L	96
42) Toluene	7.973	91	143828	4.574	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	47775m	5.325	ug/L	
45) 1,1,2-Trichloroethane	8.404	97	30295	5.517	ug/L	98
47) Tetrachloroethene	8.559	164	26010	4.682	ug/L	95
48) 2-Hexanone	8.694	43	218567	61.200	ug/L	97
49) Dibromochloromethane	8.813	129	34540	5.333	ug/L	98
50) 1,2-Dibromoethane	8.928	107	30026	5.395	ug/L #	99
51) Chlorobenzene	9.449	112	90892	4.977	ug/L	96
52) Ethylbenzene	9.575	91	148150	4.955	ug/L	100
53) m,p-Xylene	9.697	106	58633	4.920	ug/L	98
54) o-Xylene	10.102	106	57243	4.955	ug/L	100
55) Styrene	10.118	104	97828	5.177	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	42492	5.755	ug/L	97
59) Bromoform	10.295	173	21418	5.553	ug/L	97
60) Isopropylbenzene	10.488	105	148727	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31631	5.960	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	118686	4.956	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	122798	4.983	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	70963	4.866	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	72721	4.955	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71169	5.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6668	6.053	ug/L	86
69) 1,3,5-Trichlorobenzene	13.221	180	52498	4.566	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	41756	4.344	ug/L	99
71) Naphthalene	14.089	128	88681	4.531	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42544	4.686	ug/L	98

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

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