

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046827.D
 Acq On : 21 Jan 2022 17:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 00:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29138	3.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.919	69	26663	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.572	65	12877	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.655	46	129736	57.467	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.940%
24) Chloroform-d	5.067	84	63276	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.703	65	35894	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	122553	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	38846	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.899	98	106854	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.182	79	16370	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.639	63	118124	53.748	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43601	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43792	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	51747	6.117	ug/L	98
3) Chloromethane	1.523	50	43159	6.195	ug/L	99
5) Vinyl chloride	1.607	62	42886	5.913	ug/L	99
6) Bromomethane	1.864	94	25426	5.603	ug/L	95
8) Chloroethane	1.941	64	25183	6.032	ug/L	100
9) Trichlorofluoromethane	2.144	101	54837	6.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30935	5.887	ug/L	96
12) 1,1-Dichloroethene	2.584	96	29294	5.834	ug/L	86
13) Acetone	2.681	43	74107m	60.354	ug/L	
14) Carbon disulfide	2.800	76	91354	5.539	ug/L	99
15) Methyl Acetate	2.970	43	15224	5.676	ug/L #	89
16) Methylene chloride	3.051	84	39667	6.541	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	82917	5.885	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	31313	5.757	ug/L	94
19) 1,1-Dichloroethane	3.874	63	54749	5.996	ug/L	99
21) 2-Butanone	4.739	43	115686	58.584	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	34751	6.057	ug/L	93
23) Bromochloromethane	4.980	128	16933	5.999	ug/L	91
25) Chloroform	5.092	83	60138	4.149	ug/L	95

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27) 1,2-Dichloroethane	5.797	62	40644	6.354	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	50283	5.829	ug/L	98
30) Cyclohexane	5.395	56	48111	5.498	ug/L	94
31) Carbon tetrachloride	5.526	117	42172	5.697	ug/L	100
33) Benzene	5.777	78	130256	5.777	ug/L	100
34) Trichloroethene	6.546	95	33160	5.664	ug/L	98
35) Methylcyclohexane	6.768	83	53871	5.493	ug/L	95
37) 1,2-Dichloropropane	6.793	63	33172	5.997	ug/L	99
38) Bromodichloromethane	7.108	83	43553	5.471	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	48570	5.628	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	255030	62.887	ug/L	96
42) Toluene	7.970	91	148893	5.524	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44565	5.796	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	28247	6.002	ug/L	97
47) Tetrachloroethene	8.555	164	26328	5.529	ug/L	92
48) 2-Hexanone	8.690	43	189695	61.970	ug/L	98
49) Dibromochloromethane	8.812	129	31539	5.681	ug/L	98
50) 1,2-Dibromoethane	8.928	107	28599	5.995	ug/L	98
51) Chlorobenzene	9.449	112	88578	5.659	ug/L	96
52) Ethylbenzene	9.571	91	143787	5.611	ug/L	100
53) m,p-Xylene	9.697	106	57590	5.638	ug/L	95
54) o-Xylene	10.102	106	54814	5.536	ug/L	98
55) Styrene	10.115	104	93606	5.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	39332	6.215	ug/L	94
59) Bromoform	10.292	173	19098	5.713	ug/L	97
60) Isopropylbenzene	10.484	105	145178	5.741	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28780	6.257	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	114773	5.530	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	120591	5.646	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	69382	5.490	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68524	5.387	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	68566	5.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5864	6.142	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	52836	5.302	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	41339	4.962	ug/L	98
71) Naphthalene	14.086	128	83744	4.938	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41216	5.238	ug/L	98

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

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