

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046549.D
 Acq On : 22 Dec 2021 11:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Dec 23 04:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 22 06:54:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95197	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31966	4.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.919	69	25649	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.575	65	13852	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.655	46	108587	49.924	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.840%
24) Chloroform-d	5.067	84	63829	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.706	65	35761	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.732	84	117494	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.694	67	36821	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.902	98	107702	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.182	79	16298	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.639	63	109501	52.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37286	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	41840	4.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	76761	5.270	ug/L	100
3) Chloromethane	1.523	50	60945	4.858	ug/L	100
5) Vinyl chloride	1.607	62	63131	5.111	ug/L	100
6) Bromomethane	1.864	94	34555	4.648	ug/L	98
8) Chloroethane	1.941	64	35874	4.948	ug/L	98
9) Trichlorofluoromethane	2.147	101	85143	5.270	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44564	5.419	ug/L	96
12) 1,1-Dichloroethene	2.588	96	43024	5.138	ug/L #	77
13) Acetone	2.694	43	107847m	52.886	ug/L	
14) Carbon disulfide	2.800	76	136598	4.994	ug/L	100
15) Methyl Acetate	2.970	43	20374	4.946	ug/L #	87
16) Methylene chloride	3.054	84	48831	4.792	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	124583	5.100	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	45870	5.135	ug/L	95
19) 1,1-Dichloroethane	3.877	63	81795	4.970	ug/L	98
21) 2-Butanone	4.735	43	159622	51.593	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	49926	5.113	ug/L	97
23) Bromochloromethane	4.980	128	23769	4.891	ug/L	92
25) Chloroform	5.096	83	88372	4.971	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	61992	4.884	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	79220	5.207	ug/L	98
30) Cyclohexane	5.395	56	71267	5.663	ug/L	97
31) Carbon tetrachloride	5.530	117	68310	5.351	ug/L	100
33) Benzene	5.777	78	187976	5.142	ug/L	100
34) Trichloroethene	6.546	95	48883	5.073	ug/L	98
35) Methylcyclohexane	6.767	83	79392	5.843	ug/L	94
37) 1,2-Dichloropropane	6.796	63	48351	5.185	ug/L	99
38) Bromodichloromethane	7.108	83	64772	5.018	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	74131	5.252	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	370781	52.972	ug/L	96
42) Toluene	7.973	91	201697	5.376	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	67190	5.137	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	39835	4.954	ug/L	97
47) Tetrachloroethene	8.558	164	37124	5.444	ug/L	94
48) 2-Hexanone	8.690	43	277824	53.148	ug/L	97
49) Dibromochloromethane	8.812	129	47504	5.121	ug/L	97
50) 1,2-Dibromoethane	8.928	107	39658	5.109	ug/L #	97
51) Chlorobenzene	9.449	112	124298	5.182	ug/L	98
52) Ethylbenzene	9.571	91	212348	5.467	ug/L	100
53) m,p-Xylene	9.697	106	84622	5.687	ug/L	99
54) o-Xylene	10.102	106	79384	5.552	ug/L	94
55) Styrene	10.115	104	140117	5.650	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	52980	5.042	ug/L	95
59) Bromoform	10.295	173	28520	5.078	ug/L	96
60) Isopropylbenzene	10.488	105	213019	5.682	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	40867	5.062	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	177894	5.706	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	182261	5.805	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	100038	5.489	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	99850	5.352	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	99019	5.417	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	9832	5.261	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	76145	5.521	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	64492	5.521	ug/L	100
71) Naphthalene	14.089	128	147788	5.696	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	64231	5.554	ug/L	98

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

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