

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047174.D
 Acq On : 16 Feb 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005192

Quant Time: Feb 17 04:08:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	179858	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	185461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	74710	4.918	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.919	69	59847	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.572	65	30254	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.645	46	210495	57.976	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.960%
24) Chloroform-d	5.070	84	131823	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.706	65	69298	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	264397	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.694	67	84595	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.899	98	254648	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.182	79	35012	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.636	63	186656	47.427	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	72448	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	99723	5.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	76468	5.028	ug/L	100
3) Chloromethane	1.527	50	85922	5.208	ug/L	98
5) Vinyl chloride	1.607	62	84744	5.085	ug/L	100
6) Bromomethane	1.864	94	45042	4.598	ug/L	99
8) Chloroethane	1.941	64	50481	5.252	ug/L	100
9) Trichlorofluoromethane	2.144	101	107707	5.303	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	61622	5.029	ug/L	93
12) 1,1-Dichloroethene	2.588	96	59549	5.031	ug/L	84
13) Acetone	2.665	43	102695	56.499	ug/L	96
14) Carbon disulfide	2.800	76	197679	5.007	ug/L	99
15) Methyl Acetate	2.964	43	27050	4.808	ug/L	97
16) Methylene chloride	3.054	84	67431	5.114	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	159684	4.937	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	65746	5.140	ug/L	96
19) 1,1-Dichloroethane	3.877	63	115244	5.154	ug/L	100
21) 2-Butanone	4.723	43	185239	54.267	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	72110	5.180	ug/L	96
23) Bromochloromethane	4.980	128	32611	4.997	ug/L	91
25) Chloroform	5.092	83	118204	5.049	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	78054	4.987	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	102948	5.126	ug/L	99
30) Cyclohexane	5.395	56	109947	5.016	ug/L	99
31) Carbon tetrachloride	5.530	117	90899	5.198	ug/L	100
33) Benzene	5.777	78	268918	5.103	ug/L	100
34) Trichloroethene	6.546	95	71583	5.093	ug/L	95
35) Methylcyclohexane	6.768	83	117555	4.956	ug/L	98
37) 1,2-Dichloropropane	6.793	63	69425	5.097	ug/L	99
38) Bromodichloromethane	7.108	83	87946	5.054	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	105304	4.971	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	447750	46.066	ug/L	99
42) Toluene	7.973	91	301302	5.136	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	92061	4.824	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	50991	4.821	ug/L	100
47) Tetrachloroethene	8.555	164	58178	5.100	ug/L	96
48) 2-Hexanone	8.687	43	335886	46.479	ug/L	100
49) Dibromochloromethane	8.812	129	62497	4.905	ug/L	100
50) 1,2-Dibromoethane	8.925	107	50525	4.736	ug/L	98
51) Chlorobenzene	9.449	112	194119	5.126	ug/L	98
52) Ethylbenzene	9.571	91	330193	5.136	ug/L	100
53) m,p-Xylene	9.697	106	129158	5.118	ug/L	97
54) o-Xylene	10.102	106	125977	5.125	ug/L	97
55) Styrene	10.118	104	211782	5.150	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	66158	4.726	ug/L	96
59) Bromoform	10.291	173	37716	4.741	ug/L	97
60) Isopropylbenzene	10.488	105	330563	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	47407	4.544	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	215242	5.029	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	278612	5.057	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	155085	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	154763	4.948	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	146326	4.970	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	10831	4.495	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.221	180	126938	4.970	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	114324	4.808	ug/L	98
71) Naphthalene	14.086	128	217442	4.431	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	104240	4.661	ug/L	98

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

