

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047192.D
 Acq On : 17 Feb 2022 05:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005193

Quant Time: Feb 17 06:23:02 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	166077	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	174215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67667	4.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.919	69	54456	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.575	65	27699	4.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.642	46	190784	56.907	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.820%
24) Chloroform-d	5.070	84	118215	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.706	65	62901	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.732	84	241231	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	75679	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.902	98	230393	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.182	79	31321	4.461	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.636	63	166811	45.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	65767	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	90660	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	72463	5.160	ug/L	100
3) Chloromethane	1.527	50	85570	5.618	ug/L	100
5) Vinyl chloride	1.607	62	81551	5.300	ug/L	100
6) Bromomethane	1.864	94	40167	4.441	ug/L	99
8) Chloroethane	1.941	64	48333	5.446	ug/L	100
9) Trichlorofluoromethane	2.144	101	103854	5.538	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57727	5.102	ug/L	93
12) 1,1-Dichloroethene	2.588	96	56014	5.126	ug/L	85
13) Acetone	2.662	43	99586	59.335	ug/L	96
14) Carbon disulfide	2.800	76	184780	5.069	ug/L	99
15) Methyl Acetate	2.964	43	25065	4.825	ug/L	96
16) Methylene chloride	3.054	84	66068	5.427	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	152695	5.113	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	62217	5.268	ug/L	91
19) 1,1-Dichloroethane	3.877	63	110455	5.350	ug/L	99
21) 2-Butanone	4.723	43	178310	56.571	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	68588	5.336	ug/L	98
23) Bromochloromethane	4.980	128	31661	5.254	ug/L	92
25) Chloroform	5.092	83	114917	5.316	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	75863	5.250	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	99425	5.270	ug/L	99
30) Cyclohexane	5.395	56	104680	5.084	ug/L	100
31) Carbon tetrachloride	5.530	117	87576	5.332	ug/L	99
33) Benzene	5.777	78	259878	5.250	ug/L	100
34) Trichloroethene	6.546	95	67752	5.131	ug/L	96
35) Methylcyclohexane	6.767	83	110690	4.968	ug/L	96
37) 1,2-Dichloropropane	6.793	63	65949	5.154	ug/L	99
38) Bromodichloromethane	7.108	83	84235	5.153	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	97811	4.916	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	429764	47.069	ug/L	99
42) Toluene	7.973	91	291663	5.293	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	86064	4.801	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	49666	4.999	ug/L	97
47) Tetrachloroethene	8.555	164	54595	5.095	ug/L	93
48) 2-Hexanone	8.687	43	323899	47.713	ug/L	100
49) Dibromochloromethane	8.812	129	61255	5.118	ug/L	98
50) 1,2-Dibromoethane	8.925	107	49847	4.974	ug/L #	96
51) Chlorobenzene	9.449	112	187092	5.260	ug/L	96
52) Ethylbenzene	9.571	91	316040	5.234	ug/L	99
53) m,p-Xylene	9.697	106	123390	5.205	ug/L	96
54) o-Xylene	10.102	106	120721	5.229	ug/L	98
55) Styrene	10.118	104	204353	5.291	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	64532	4.907	ug/L	95
59) Bromoform	10.291	173	36052	4.890	ug/L #	97
60) Isopropylbenzene	10.488	105	314662	5.298	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	46711	4.832	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	203597	5.134	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	263388	5.159	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	147657	5.155	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	147302	5.082	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	141005	5.168	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	10468	4.688	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	118088	4.989	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	108801	4.938	ug/L	98
71) Naphthalene	14.086	128	212867	4.682	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	100729	4.861	ug/L	97

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

