

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049320.D
 Acq On : 21 Jun 2022 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Jun 22 01:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	140242	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46005	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.912	69	35036	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.568	65	17686	3.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.639	46	171739	52.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.980%
24) Chloroform-d	5.067	84	91382	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.707	65	49511	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.729	84	166635	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.690	67	57951	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.899	98	143634	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.179	79	22500	3.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.636	63	119712	50.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50370	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	59102	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	60957	5.092	ug/L	99
3) Chloromethane	1.520	50	60521	4.605	ug/L	99
5) Vinyl chloride	1.604	62	61381	5.206	ug/L	95
6) Bromomethane	1.858	94	29544	4.554	ug/L	100
8) Chloroethane	1.935	64	34180	5.008	ug/L	96
9) Trichlorofluoromethane	2.138	101	77426	5.659	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	46063	5.686	ug/L	97
12) 1,1-Dichloroethene	2.581	96	39794	5.046	ug/L	93
13) Acetone	2.652	43	91487	56.496	ug/L	98
14) Carbon disulfide	2.793	76	127095	4.879	ug/L	99
15) Methyl Acetate	2.961	43	22288	5.146	ug/L	98
16) Methylene chloride	3.047	84	54777	5.280	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	112754	4.727	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	44056	5.043	ug/L	96
19) 1,1-Dichloroethane	3.871	63	88537	5.139	ug/L	98
21) 2-Butanone	4.716	43	155464	50.347	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	49862	5.103	ug/L	96
23) Bromochloromethane	4.977	128	21661	5.178	ug/L	99
25) Chloroform	5.089	83	89312	5.165	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	57152	5.018	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	77339	4.998	ug/L	99
30) Cyclohexane	5.388	56	83866	4.768	ug/L	98
31) Carbon tetrachloride	5.526	117	65691	5.070	ug/L	99
33) Benzene	5.774	78	195949	5.086	ug/L	100
34) Trichloroethene	6.542	95	50418	5.119	ug/L	98
35) Methylcyclohexane	6.764	83	83204	5.037	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53763	5.078	ug/L	99
38) Bromodichloromethane	7.105	83	65935	5.095	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	74179	4.610	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	369925	47.032	ug/L	99
42) Toluene	7.970	91	208664	5.107	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	64207	4.594	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	36376	4.929	ug/L	96
47) Tetrachloroethene	8.552	164	37189	5.476	ug/L	97
48) 2-Hexanone	8.687	43	275379	49.052	ug/L	99
49) Dibromochloromethane	8.812	129	42461	5.043	ug/L	91
50) 1,2-Dibromoethane	8.925	107	34010	4.971	ug/L	93
51) Chlorobenzene	9.446	112	128782	5.177	ug/L	99
52) Ethylbenzene	9.571	91	224262	5.026	ug/L	99
53) m,p-Xylene	9.693	106	84162	5.075	ug/L	99
54) o-Xylene	10.099	106	82230	5.001	ug/L	98
55) Styrene	10.115	104	137252	4.984	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	48182	4.933	ug/L	99
59) Bromoform	10.292	173	23440	4.598	ug/L	97
60) Isopropylbenzene	10.484	105	220443	4.768	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	34924	4.586	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	188288	4.614	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	184995	4.576	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	100811	5.095	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	99915	5.109	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	95037	5.048	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8197	3.949	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	77273	5.208	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	66418	5.631	ug/L	97
71) Naphthalene	14.086	128	127972	5.460	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	59962	5.407	ug/L	97

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

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