

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049194.D
 Acq On : 16 Jun 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005116

Quant Time: Jun 17 01:15:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	127400	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45795	4.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.913	69	33542	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.568	65	19459	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.636	46	151497	50.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.067	84	88201	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.707	65	46367	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.729	84	165023	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.694	67	57103	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	149028	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.182	79	22464	4.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.636	63	105026	49.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45662	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	54296	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	61607	5.665	ug/L	99
3) Chloromethane	1.520	50	60163	5.039	ug/L	97
5) Vinyl chloride	1.604	62	60819	5.678	ug/L	98
6) Bromomethane	1.858	94	19095	3.240	ug/L	99
8) Chloroethane	1.935	64	35355	5.703	ug/L	99
9) Trichlorofluoromethane	2.141	101	72904	5.865	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	42485	5.773	ug/L	97
12) 1,1-Dichloroethene	2.581	96	39455	5.508	ug/L	93
13) Acetone	2.646	43	81803	55.608	ug/L	99
14) Carbon disulfide	2.794	76	133830	5.656	ug/L	99
15) Methyl Acetate	2.958	43	21016	5.342	ug/L	97
16) Methylene chloride	3.048	84	46027	4.884	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	114201	5.271	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	44880	5.655	ug/L	99
19) 1,1-Dichloroethane	3.871	63	88061	5.627	ug/L	98
21) 2-Butanone	4.716	43	150595	53.687	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	49773	5.607	ug/L	100
23) Bromochloromethane	4.977	128	21132	5.561	ug/L	97
25) Chloroform	5.089	83	88152	5.612	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	57325	5.541	ug/L	96
29) 1,1,1-Trichloroethane	5.318	97	76803	5.604	ug/L	99
30) Cyclohexane	5.388	56	86663	5.564	ug/L	99
31) Carbon tetrachloride	5.527	117	65666	5.723	ug/L	99
33) Benzene	5.777	78	197450	5.786	ug/L	100
34) Trichloroethene	6.543	95	50568	5.797	ug/L	98
35) Methylcyclohexane	6.764	83	84597	5.783	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53625	5.719	ug/L	100
38) Bromodichloromethane	7.108	83	64472	5.625	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	76559	5.372	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	368201	52.856	ug/L	99
42) Toluene	7.970	91	206679	5.712	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64200	5.186	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	35752	5.470	ug/L	95
47) Tetrachloroethene	8.555	164	35968	5.980	ug/L	98
48) 2-Hexanone	8.687	43	260555	52.403	ug/L	100
49) Dibromochloromethane	8.809	129	41106	5.512	ug/L	99
50) 1,2-Dibromoethane	8.925	107	33226	5.483	ug/L	97
51) Chlorobenzene	9.449	112	126030	5.720	ug/L	99
52) Ethylbenzene	9.571	91	224097	5.670	ug/L	99
53) m,p-Xylene	9.694	106	82331	5.606	ug/L	96
54) o-Xylene	10.102	106	81734	5.613	ug/L	99
55) Styrene	10.115	104	137624	5.643	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	45802	5.295	ug/L	95
59) Bromoform	10.295	173	23531	5.310	ug/L	99
60) Isopropylbenzene	10.485	105	219135	5.453	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	33260	5.025	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	189506	5.343	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	187858	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	96704	5.623	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	92577	5.446	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	90668	5.541	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	7858	4.356	ug/L	83
69) 1,3,5-Trichlorobenzene	13.221	180	74313	5.762	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57940	5.651	ug/L	98
71) Naphthalene	14.086	128	98625	4.841	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	54043	5.606	ug/L	98

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

