

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059520.D
 Acq On : 26 Jun 2024 12:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Jun 27 03:03:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 27 02:36:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135362	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41172	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.907	69	42621	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.560	65	17494	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.615	46	113707	58.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.300%
24) Chloroform-d	5.055	84	97587	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	47346	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.718	84	194172	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	58809	5.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	184510	5.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	8.174	79	20473	5.657	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.200%
46) 2-Hexanone-d5	8.624	63	97401	64.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53460	5.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	67972	5.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61979	5.404	ug/L	98
3) Chloromethane	1.518	50	66267	5.368	ug/L	97
5) Vinyl chloride	1.599	62	75720	5.553	ug/L	95
6) Bromomethane	1.850	94	49591	5.230	ug/L	100
8) Chloroethane	1.927	64	45144	5.494	ug/L	97
9) Trichlorofluoromethane	2.132	101	91626	5.582	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58571	5.636	ug/L	94
12) 1,1-Dichloroethene	2.573	96	50978	5.310	ug/L	88
13) Acetone	2.624	43	74492	59.229	ug/L	91
14) Carbon disulfide	2.785	76	168736	5.268	ug/L	99
15) Methyl Acetate	2.946	43	20198	6.086	ug/L #	87
16) Methylene chloride	3.036	84	63973	5.623	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	120533	5.826	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	55893	5.598	ug/L	88
19) 1,1-Dichloroethane	3.859	63	102572	5.571	ug/L	98
21) 2-Butanone	4.695	43	125575	62.250	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	62178	5.650	ug/L	92
23) Bromochloromethane	4.965	128	29526	5.885	ug/L	86
25) Chloroform	5.078	83	108612	5.601	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66100	5.625	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	87626	5.536	ug/L	99
30) Cyclohexane	5.380	56	75273	5.387	ug/L	94
31) Carbon tetrachloride	5.515	117	74718	5.638	ug/L	100
33) Benzene	5.766	78	238551	5.732	ug/L	100
34) Trichloroethene	6.534	95	61510	5.457	ug/L	97
35) Methylcyclohexane	6.756	83	87205	5.437	ug/L	96
37) 1,2-Dichloropropane	6.782	63	62467	5.800	ug/L	98
38) Bromodichloromethane	7.097	83	77371	5.755	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	84964	5.768	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	321652	64.448	ug/L	96
42) Toluene	7.962	91	259073	5.879	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	72450	6.128	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48591	6.122	ug/L	98
47) Tetrachloroethene	8.547	164	51027	5.834	ug/L	98
48) 2-Hexanone	8.676	43	237680	66.728	ug/L #	94
49) Dibromochloromethane	8.804	129	53249	6.056	ug/L	99
50) 1,2-Dibromoethane	8.917	107	44722	6.101	ug/L	99
51) Chlorobenzene	9.441	112	159065	5.692	ug/L	96
52) Ethylbenzene	9.563	91	252249	5.581	ug/L	98
53) m,p-Xylene	9.688	106	100666	5.799	ug/L	97
54) o-Xylene	10.094	106	94233	5.720	ug/L	96
55) Styrene	10.110	104	167525	5.973	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	60789	6.314	ug/L	99
59) Bromoform	10.283	173	33290	5.780	ug/L	98
60) Isopropylbenzene	10.476	105	252065	5.422	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	41646	5.988	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	191702	5.205	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	188289	5.347	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	129173	5.463	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	128554	5.282	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	120784	5.428	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8268	6.095	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.212	180	92500	5.285	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	70824	5.275	ug/L	96
71) Naphthalene	14.084	128	105694	5.500	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	69013	5.536	ug/L	98

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

