

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058504.D
 Acq On : 09 Apr 2024 10:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005188

Quant Time: Apr 10 01:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35129	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26638	5.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.908	69	23273	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.560	65	11644	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.631	46	47410	44.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	5.055	84	49635	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	22950	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.718	84	99620	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	29891	4.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	88395	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.174	79	9459	4.995	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.628	63	34070	43.619	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18622	4.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25634	4.333	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	31991	5.036	ug/L	99
3) Chloromethane	1.512	50	39498	5.080	ug/L	100
5) Vinyl chloride	1.599	62	40547	5.222	ug/L	100
6) Bromomethane	1.853	94	18691	5.088	ug/L	99
8) Chloroethane	1.927	64	26792	5.462	ug/L	99
9) Trichlorofluoromethane	2.133	101	53446	5.212	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	32189	5.283	ug/L	97
12) 1,1-Dichloroethene	2.573	96	27768	5.141	ug/L	96
13) Acetone	2.644	43	45298	49.909	ug/L	97
14) Carbon disulfide	2.785	76	84035	4.898	ug/L	99
15) Methyl Acetate	2.953	43	11872	5.544	ug/L	98
16) Methylene chloride	3.036	84	33468	4.669	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	66179	5.187	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	29820	5.268	ug/L	98
19) 1,1-Dichloroethane	3.859	63	66590	5.389	ug/L	96
21) 2-Butanone	4.705	43	70759	52.160	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	33902	5.333	ug/L	89
23) Bromochloromethane	4.965	128	13133	5.243	ug/L	97
25) Chloroform	5.078	83	65020	5.437	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38485	5.285	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	51573	5.324	ug/L	97
30) Cyclohexane	5.380	56	54403	5.317	ug/L	100
31) Carbon tetrachloride	5.515	117	44203	5.388	ug/L	99
33) Benzene	5.766	78	140674	5.371	ug/L	100
34) Trichloroethene	6.534	95	34875	5.282	ug/L	97
35) Methylcyclohexane	6.756	83	53468	5.375	ug/L	98
37) 1,2-Dichloropropane	6.782	63	38230	5.548	ug/L	99
38) Bromodichloromethane	7.097	83	42441	5.396	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	46345	5.289	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	174805	53.891	ug/L	99
42) Toluene	7.962	91	145248	5.287	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	37007	5.355	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	21785	5.413	ug/L	96
47) Tetrachloroethene	8.547	164	24708	5.105	ug/L	96
48) 2-Hexanone	8.679	43	124264	53.964	ug/L	99
49) Dibromochloromethane	8.801	129	24207	5.202	ug/L	94
50) 1,2-Dibromoethane	8.917	107	19152	5.203	ug/L	98
51) Chlorobenzene	9.441	112	85878	5.166	ug/L	100
52) Ethylbenzene	9.563	91	153361	5.269	ug/L	100
53) m,p-Xylene	9.689	106	55652	5.340	ug/L	98
54) o-Xylene	10.094	106	55049	5.387	ug/L	99
55) Styrene	10.110	104	88620	5.391	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	25818	5.200	ug/L	96
59) Bromoform	10.283	173	11963	5.097	ug/L	97
60) Isopropylbenzene	10.476	105	140255	5.454	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	18958	5.289	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	113883	5.430	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	115670	5.402	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	65397	5.235	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	61106	5.021	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	57984	5.103	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3455	5.684	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	47521	5.144	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	33924	4.762	ug/L	99
71) Naphthalene	14.084	128	41990	4.302	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	27648	4.700	ug/L	99

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

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