

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058480.D
 Acq On : 08 Apr 2024 19:46
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

Quant Time: Apr 09 04:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73009	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35880	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15993	3.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	16494	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.560	65	7684	3.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.624	46	58094	57.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.060%
24) Chloroform-d	5.052	84	47931	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.692	65	22389	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	82013	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.679	67	28010	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	73038	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	9116	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	42663	54.565	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20982	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26179	4.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	32282	5.305	ug/L	100
3) Chloromethane	1.515	50	40531	5.442	ug/L	98
5) Vinyl chloride	1.599	62	40699	5.472	ug/L	100
6) Bromomethane	1.853	94	20040	5.695	ug/L	98
8) Chloroethane	1.927	64	26135	5.562	ug/L	98
9) Trichlorofluoromethane	2.133	101	52566	5.352	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31361	5.373	ug/L	98
12) 1,1-Dichloroethene	2.573	96	28585	5.525	ug/L	88
13) Acetone	2.637	43	42611	49.011	ug/L	100
14) Carbon disulfide	2.785	76	87709	5.337	ug/L	99
15) Methyl Acetate	2.949	43	11074	5.398	ug/L	97
16) Methylene chloride	3.036	84	36477	5.312	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	67028	5.484	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	30887	5.696	ug/L	98
19) 1,1-Dichloroethane	3.859	63	67031	5.663	ug/L	98
21) 2-Butanone	4.705	43	67927	52.272	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	34833	5.720	ug/L	99
23) Bromochloromethane	4.965	128	13451	5.606	ug/L	95
25) Chloroform	5.078	83	66129	5.772	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40693	5.833	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	53428	5.509	ug/L	100
30) Cyclohexane	5.380	56	53845	5.257	ug/L	100
31) Carbon tetrachloride	5.515	117	44589	5.429	ug/L	99
33) Benzene	5.766	78	143701	5.481	ug/L	100
34) Trichloroethene	6.534	95	35263	5.335	ug/L	96
35) Methylcyclohexane	6.756	83	50973	5.119	ug/L	97
37) 1,2-Dichloropropane	6.782	63	39086	5.666	ug/L	100
38) Bromodichloromethane	7.097	83	43413	5.514	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	46028	5.247	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	175162	53.946	ug/L	99
42) Toluene	7.962	91	147985	5.381	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	36926	5.338	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	22258	5.525	ug/L	98
47) Tetrachloroethene	8.547	164	25200	5.201	ug/L	98
48) 2-Hexanone	8.676	43	121932	52.897	ug/L	99
49) Dibromochloromethane	8.801	129	25436	5.461	ug/L	99
50) 1,2-Dibromoethane	8.917	107	19656	5.335	ug/L	100
51) Chlorobenzene	9.441	112	89160	5.358	ug/L	99
52) Ethylbenzene	9.563	91	156020	5.355	ug/L	99
53) m,p-Xylene	9.688	106	55873	5.355	ug/L	99
54) o-Xylene	10.094	106	55819	5.457	ug/L	99
55) Styrene	10.106	104	91190	5.541	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	27029	5.439	ug/L	100
59) Bromoform	10.283	173	12682	5.290	ug/L	97
60) Isopropylbenzene	10.476	105	141717	5.395	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	19859	5.425	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	113724	5.309	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	116830	5.341	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	66465	5.209	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	65386	5.260	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	59256	5.105	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3463	5.578	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	46359	4.913	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	56653	7.787	ug/L	97
71) Naphthalene	14.081	128	38555	3.867	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	32300	5.376	ug/L	100

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

