

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058349.D
 Acq On : 02 Apr 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Apr 03 02:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24018	4.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	23676	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	10253	4.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.618	46	58443	55.693	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.380%
24) Chloroform-d	5.052	84	50931	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	25276	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	101636	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	32571	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	88162	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.174	79	8810	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.624	63	43927	53.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21315	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28918	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	8806	3.059	ug/L	100
3) Chloromethane	1.515	50	12886	3.511	ug/L	94
5) Vinyl chloride	1.599	62	14593	3.642	ug/L	99
6) Bromomethane	1.853	94	6616	3.078	ug/L	98
8) Chloroethane	1.927	64	11761	4.450	ug/L	95
9) Trichlorofluoromethane	2.132	101	24152	3.709	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	15730	3.763	ug/L	97
12) 1,1-Dichloroethene	2.573	96	13501	3.853	ug/L	96
13) Acetone	2.631	43	30470	44.865	ug/L	99
14) Carbon disulfide	2.788	76	24550	3.136	ug/L	100
15) Methyl Acetate	2.949	43	6971	4.945	ug/L	99
16) Methylene chloride	3.036	84	23716	4.776	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	41706	4.435	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	14304	3.906	ug/L	96
19) 1,1-Dichloroethane	3.859	63	37170	4.517	ug/L	98
21) 2-Butanone	4.698	43	47554	46.088	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	19570	4.325	ug/L	98
23) Bromochloromethane	4.965	128	8027	4.754	ug/L	95
25) Chloroform	5.078	83	39222	4.545	ug/L	94

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27) 1,2-Dichloroethane	5.785	62	22258	4.543	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	28633	4.198	ug/L	98
30) Cyclohexane	5.377	56	19662	3.301	ug/L	97
31) Carbon tetrachloride	5.515	117	22379	3.855	ug/L	98
33) Benzene	5.766	78	74600	4.306	ug/L	100
34) Trichloroethene	6.534	95	19188	4.251	ug/L	96
35) Methylcyclohexane	6.756	83	20941	3.327	ug/L	100
37) 1,2-Dichloropropane	6.782	63	22138	4.575	ug/L	98
38) Bromodichloromethane	7.097	83	26075	4.700	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	25670	4.182	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	118078	48.253	ug/L	98
42) Toluene	7.962	91	76753	4.193	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	20931	4.334	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	14393	4.722	ug/L	96
47) Tetrachloroethene	8.547	164	11834	3.915	ug/L	99
48) 2-Hexanone	8.676	43	82973	46.560	ug/L	95
49) Dibromochloromethane	8.801	129	15609	4.680	ug/L	98
50) 1,2-Dibromoethane	8.917	107	11917	4.541	ug/L	91
51) Chlorobenzene	9.441	112	50074	4.246	ug/L	99
52) Ethylbenzene	9.563	91	85167	4.167	ug/L	100
53) m,p-Xylene	9.688	106	29969	4.115	ug/L	94
54) o-Xylene	10.094	106	30875	4.200	ug/L	97
55) Styrene	10.106	104	50651	4.364	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	17337	4.825	ug/L	100
59) Bromoform	10.286	173	7949	4.643	ug/L	97
60) Isopropylbenzene	10.476	105	77206	3.942	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12387	4.537	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	63390	3.856	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	64474	3.949	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	38093	4.176	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	37651	4.271	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	36082	4.278	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2149	5.220	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	26748	4.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	20830	4.379	ug/L	97
71) Naphthalene	14.084	128	28116	4.340	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	17645	4.530	ug/L	97

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

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