

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058640.D
 Acq On : 12 Apr 2024 04:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Apr 12 05:03:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23907	4.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	21782	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.557	65	10998	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.618	46	51513	46.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.052	84	51595	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.692	65	23518	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	97717	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	29967	4.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.891	98	85981	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.174	79	9085	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	38808	45.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19853	4.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	26536	4.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	26646	4.026	ug/L	98
3) Chloromethane	1.515	50	32832	4.054	ug/L	97
5) Vinyl chloride	1.599	62	34872	4.311	ug/L	100
6) Bromomethane	1.853	94	15830	4.137	ug/L	97
8) Chloroethane	1.927	64	23228	4.546	ug/L	99
9) Trichlorofluoromethane	2.133	101	46737	4.375	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27501	4.333	ug/L	97
12) 1,1-Dichloroethene	2.573	96	24611	4.374	ug/L	96
13) Acetone	2.624	43	36840	38.963	ug/L	100
14) Carbon disulfide	2.785	76	74086	4.145	ug/L	98
15) Methyl Acetate	2.943	43	9948	4.459	ug/L	99
16) Methylene chloride	3.036	84	31597	4.231	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	58734	4.419	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	26217	4.446	ug/L	96
19) 1,1-Dichloroethane	3.856	63	61075	4.745	ug/L	98
21) 2-Butanone	4.695	43	61557	43.558	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	30324	4.579	ug/L	97
23) Bromochloromethane	4.965	128	11976	4.590	ug/L	92
25) Chloroform	5.075	83	59466	4.773	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37076	4.887	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	47104	4.464	ug/L	97
30) Cyclohexane	5.380	56	46303	4.155	ug/L	99
31) Carbon tetrachloride	5.515	117	39767	4.451	ug/L	99
33) Benzene	5.766	78	126016	4.417	ug/L	100
34) Trichloroethene	6.534	95	30727	4.273	ug/L	95
35) Methylcyclohexane	6.756	83	43467	4.012	ug/L	96
37) 1,2-Dichloropropane	6.782	63	34704	4.624	ug/L	100
38) Bromodichloromethane	7.097	83	39643	4.628	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	40380	4.231	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	162574	46.020	ug/L	98
42) Toluene	7.962	91	130513	4.362	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	33187	4.409	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20295	4.630	ug/L	95
47) Tetrachloroethene	8.547	164	22342	4.238	ug/L	96
48) 2-Hexanone	8.679	43	115762	46.159	ug/L	98
49) Dibromochloromethane	8.801	129	22199	4.380	ug/L	97
50) 1,2-Dibromoethane	8.917	107	17659	4.405	ug/L	97
51) Chlorobenzene	9.441	112	77909	4.303	ug/L	99
52) Ethylbenzene	9.563	91	137941	4.352	ug/L	99
53) m,p-Xylene	9.689	106	49700	4.378	ug/L	98
54) o-Xylene	10.094	106	48632	4.370	ug/L	98
55) Styrene	10.107	104	79883	4.462	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	24434	4.519	ug/L	98
59) Bromoform	10.283	173	11428	4.419	ug/L	99
60) Isopropylbenzene	10.476	105	123176	4.347	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	17339	4.390	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	98079	4.244	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	101073	4.284	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57600	4.185	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	55372	4.129	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	53428	4.267	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3261	4.869	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	40117	3.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	27305	3.479	ug/L	99
71) Naphthalene	14.084	128	30882	2.871	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	22841	3.524	ug/L	98

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

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