

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061025.D
 Acq On : 26 Sep 2024 17:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005094

Quant Time: Sep 27 04:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52514	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.907	69	44809	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	18577	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.631	46	113530	53.171	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.055	84	97555	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	46321	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.718	84	183430	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	62489	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.891	98	163861	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	21042	4.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	95733	52.650	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51915	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	56449	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49951	4.475	ug/L	99
3) Chloromethane	1.515	50	61165	5.187	ug/L	98
5) Vinyl chloride	1.599	62	67841	5.316	ug/L	99
6) Bromomethane	1.853	94	32656	4.004	ug/L	98
8) Chloroethane	1.930	64	43149	5.534	ug/L	97
9) Trichlorofluoromethane	2.132	101	86300	4.923	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51492	5.055	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45159	4.855	ug/L	92
13) Acetone	2.647	43	74089	52.011	ug/L	95
14) Carbon disulfide	2.785	76	117538	4.555	ug/L	99
15) Methyl Acetate	2.952	43	18819	5.419	ug/L	99
16) Methylene chloride	3.036	84	54520	5.061	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	103277	4.913	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	45009	4.670	ug/L	96
19) 1,1-Dichloroethane	3.859	63	100967	5.217	ug/L	96
21) 2-Butanone	4.708	43	116997	50.455	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	54359	5.096	ug/L	94
23) Bromochloromethane	4.968	128	25051	4.972	ug/L	94
25) Chloroform	5.078	83	105148	5.211	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	60936	5.211	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	83067	4.983	ug/L	97
30) Cyclohexane	5.380	56	61627	4.497	ug/L	96
31) Carbon tetrachloride	5.515	117	71686	4.857	ug/L	98
33) Benzene	5.766	78	214302	5.047	ug/L	100
34) Trichloroethene	6.534	95	54467	4.893	ug/L	97
35) Methylcyclohexane	6.756	83	62280	4.078	ug/L	98
37) 1,2-Dichloropropane	6.782	63	63259	5.407	ug/L	99
38) Bromodichloromethane	7.097	83	73371	5.112	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	77422	4.975	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	292527	53.542	ug/L	99
42) Toluene	7.962	91	229052	5.159	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65607	5.127	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	44247	5.238	ug/L	95
47) Tetrachloroethene	8.547	164	40062	4.529	ug/L	97
48) 2-Hexanone	8.679	43	220239	55.304	ug/L	99
49) Dibromochloromethane	8.801	129	48587	5.053	ug/L	94
50) 1,2-Dibromoethane	8.917	107	39118	5.189	ug/L #	100
51) Chlorobenzene	9.441	112	144085	4.833	ug/L	99
52) Ethylbenzene	9.563	91	219097	4.688	ug/L	100
53) m,p-Xylene	9.688	106	84084	4.745	ug/L	93
54) o-Xylene	10.094	106	81145	4.640	ug/L	97
55) Styrene	10.110	104	144819	4.913	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	55657	5.283	ug/L	96
59) Bromoform	10.283	173	28142	4.966	ug/L	98
60) Isopropylbenzene	10.476	105	216554	4.860	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37018	5.278	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	154745	4.468	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	156080	4.561	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	107631	4.804	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	105109	4.539	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	102381	4.833	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6946	5.072	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	69134	4.125	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	52592	4.455	ug/L	96
71) Naphthalene	14.081	128	67859	4.358	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	48112	4.717	ug/L	97

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

