

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092724\
 Data File : VU061027.D
 Acq On : 27 Sep 2024 09:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

Quant Time: Sep 28 04:02:43 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	151369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52684	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	47652	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	19521	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.631	46	124875	57.134	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.260%
24) Chloroform-d	5.052	84	103040	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	49091	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.717	84	186732	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	64473	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	168473	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	20666	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	103780	56.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55516	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	57417	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52301	4.577	ug/L	97
3) Chloromethane	1.518	50	63770	5.283	ug/L	99
5) Vinyl chloride	1.599	62	68973	5.280	ug/L	100
6) Bromomethane	1.853	94	35683	4.274	ug/L	97
8) Chloroethane	1.930	64	45150	5.657	ug/L	99
9) Trichlorofluoromethane	2.132	101	91587	5.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52893	5.073	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47372	4.975	ug/L	89
13) Acetone	2.653	43	75080	51.490	ug/L	91
14) Carbon disulfide	2.785	76	121714	4.608	ug/L	100
15) Methyl Acetate	2.956	43	19248	5.414	ug/L	98
16) Methylene chloride	3.039	84	57292	5.196	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	108268	5.031	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	47378	4.802	ug/L	98
19) 1,1-Dichloroethane	3.859	63	106338	5.368	ug/L	99
21) 2-Butanone	4.711	43	126130	53.137	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	55503	5.083	ug/L	98
23) Bromochloromethane	4.968	128	26074	5.056	ug/L	96
25) Chloroform	5.078	83	110174	5.334	ug/L	96

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Quant Time: Sep 28 04:02:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	63197	5.280	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	86325	5.111	ug/L	98
30) Cyclohexane	5.380	56	64883	4.674	ug/L	98
31) Carbon tetrachloride	5.518	117	76075	5.087	ug/L	98
33) Benzene	5.766	78	226644	5.269	ug/L	100
34) Trichloroethene	6.534	95	57609	5.109	ug/L	97
35) Methylcyclohexane	6.756	83	67053	4.334	ug/L	97
37) 1,2-Dichloropropane	6.782	63	65679	5.541	ug/L #	97
38) Bromodichloromethane	7.097	83	77104	5.303	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	75406	4.783	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	309054	55.835	ug/L	99
42) Toluene	7.962	91	242761	5.397	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63090	4.867	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46837	5.473	ug/L	97
47) Tetrachloroethene	8.547	164	41632	4.646	ug/L	97
48) 2-Hexanone	8.679	43	222948	55.259	ug/L	96
49) Dibromochloromethane	8.801	129	49529	5.084	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40396	5.290	ug/L #	97
51) Chlorobenzene	9.441	112	147523	4.885	ug/L	96
52) Ethylbenzene	9.563	91	236035	4.985	ug/L	99
53) m,p-Xylene	9.688	106	89434	4.982	ug/L	96
54) o-Xylene	10.094	106	86729	4.895	ug/L	95
55) Styrene	10.110	104	153458	5.139	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	58383	5.470	ug/L	96
59) Bromoform	10.283	173	29843	5.259	ug/L	98
60) Isopropylbenzene	10.476	105	227852	5.106	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38231	5.443	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	164620	4.746	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	163978	4.785	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	112695	5.022	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	112743	4.861	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	106879	5.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7702	5.616	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	73643	4.387	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	53417	4.518	ug/L	99
71) Naphthalene	14.080	128	70412	4.515	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	47565	4.656	ug/L	97

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

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