

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061013.D
 Acq On : 26 Sep 2024 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Quant Time: Sep 27 04:45:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149170	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49906	3.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.911	69	45326	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	21454	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.637	46	114609	53.210	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	5.055	84	99909	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	46608	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	181561	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.685	67	63659	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	164785	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	20277	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	94128	52.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52153	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52523	4.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50030	4.443	ug/L	99
3) Chloromethane	1.518	50	63321	5.324	ug/L	97
5) Vinyl chloride	1.602	62	65055	5.053	ug/L	95
6) Bromomethane	1.856	94	35917	4.366	ug/L	97
8) Chloroethane	1.933	64	43515	5.533	ug/L	97
9) Trichlorofluoromethane	2.132	101	89929	5.086	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51858	5.047	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47485	5.061	ug/L	97
13) Acetone	2.660	43	77097	53.652	ug/L	96
14) Carbon disulfide	2.785	76	118166	4.539	ug/L	98
15) Methyl Acetate	2.959	43	20479	5.845	ug/L	99
16) Methylene chloride	3.039	84	57263	5.270	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	108355	5.109	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	46418	4.774	ug/L	98
19) 1,1-Dichloroethane	3.859	63	101684	5.209	ug/L	98
21) 2-Butanone	4.714	43	119891	51.254	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	53231	4.947	ug/L	97
23) Bromochloromethane	4.972	128	25394	4.997	ug/L	97
25) Chloroform	5.078	83	107492	5.281	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	60846	5.159	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	81064	4.892	ug/L	95
30) Cyclohexane	5.380	56	61864	4.542	ug/L	98
31) Carbon tetrachloride	5.515	117	71561	4.878	ug/L	99
33) Benzene	5.766	78	220108	5.216	ug/L	100
34) Trichloroethene	6.537	95	53665	4.851	ug/L	96
35) Methylcyclohexane	6.756	83	63892	4.210	ug/L	97
37) 1,2-Dichloropropane	6.782	63	63698	5.478	ug/L #	97
38) Bromodichloromethane	7.097	83	75945	5.324	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76039	4.916	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	300682	55.372	ug/L	99
42) Toluene	7.962	91	234936	5.324	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	62392	4.906	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	44130	5.256	ug/L	95
47) Tetrachloroethene	8.547	164	39618	4.506	ug/L	94
48) 2-Hexanone	8.679	43	219847	55.543	ug/L	99
49) Dibromochloromethane	8.801	129	49073	5.135	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40673	5.429	ug/L #	98
51) Chlorobenzene	9.441	112	145778	4.920	ug/L	99
52) Ethylbenzene	9.563	91	225286	4.850	ug/L	99
53) m,p-Xylene	9.688	106	85642	4.862	ug/L	96
54) o-Xylene	10.094	106	82865	4.768	ug/L	99
55) Styrene	10.110	104	147033	5.019	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	56785	5.423	ug/L	96
59) Bromoform	10.283	173	29025	5.149	ug/L	99
60) Isopropylbenzene	10.476	105	221214	4.991	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37872	5.429	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	162137	4.707	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	158747	4.664	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	110018	4.936	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	107601	4.671	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	103475	4.910	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7037	5.166	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	72231	4.333	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	52043	4.432	ug/L	98
71) Naphthalene	14.084	128	72058	4.652	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	48447	4.775	ug/L	99

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

