

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060821.D
 Acq On : 17 Sep 2024 08:44
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Sep 17 09:02:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70627	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.911	69	53961	5.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.563	65	27254	5.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	4.631	46	127695	53.603	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	5.055	84	116105	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.695	65	56984	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.721	84	237285	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.682	67	72003	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	225831	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	8.171	79	25396	4.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.627	63	112414	54.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58292	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	75938	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	62911	5.052	ug/L	98
3) Chloromethane	1.518	50	62651	4.762	ug/L	97
5) Vinyl chloride	1.602	62	67412	4.734	ug/L	99
6) Bromomethane	1.856	94	38132	4.191	ug/L	99
8) Chloroethane	1.933	64	42708	4.910	ug/L	93
9) Trichlorofluoromethane	2.136	101	96506	4.935	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55746	4.905	ug/L	97
12) 1,1-Dichloroethene	2.573	96	51852	4.996	ug/L	86
13) Acetone	2.657	43	78032	49.098	ug/L	98
14) Carbon disulfide	2.788	76	141474	4.914	ug/L	98
15) Methyl Acetate	2.959	43	20788	5.365	ug/L	91
16) Methylene chloride	3.039	84	63531	5.286	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	120428	5.134	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	53226	4.950	ug/L	97
19) 1,1-Dichloroethane	3.862	63	108747	5.037	ug/L	96
21) 2-Butanone	4.711	43	131375	50.779	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	61232	5.145	ug/L	94
23) Bromochloromethane	4.972	128	28911	5.143	ug/L	95
25) Chloroform	5.078	83	112792	5.010	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64523	4.946	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	94951	5.038	ug/L	98
30) Cyclohexane	5.380	56	75107	4.849	ug/L	97
31) Carbon tetrachloride	5.515	117	81483	4.883	ug/L	97
33) Benzene	5.766	78	238063	4.959	ug/L	100
34) Trichloroethene	6.534	95	62667	4.980	ug/L	96
35) Methylcyclohexane	6.756	83	79734	4.619	ug/L	99
37) 1,2-Dichloropropane	6.782	63	64394	4.868	ug/L #	95
38) Bromodichloromethane	7.097	83	78839	4.859	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	82438	4.686	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	323076	52.308	ug/L	98
42) Toluene	7.962	91	277668	5.532	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	68799	4.756	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48727	5.103	ug/L	98
47) Tetrachloroethene	8.544	164	49656	4.966	ug/L	97
48) 2-Hexanone	8.676	43	241408	53.622	ug/L	99
49) Dibromochloromethane	8.801	129	54496	5.013	ug/L	99
50) 1,2-Dibromoethane	8.917	107	44067	5.171	ug/L #	94
51) Chlorobenzene	9.438	112	168391	4.997	ug/L	100
52) Ethylbenzene	9.563	91	268062	5.074	ug/L	100
53) m,p-Xylene	9.685	106	105000	5.241	ug/L	98
54) o-Xylene	10.094	106	101450	5.132	ug/L	99
55) Styrene	10.106	104	175175	5.257	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	59611	5.005	ug/L	97
59) Bromoform	10.283	173	33653	4.964	ug/L	98
60) Isopropylbenzene	10.476	105	266634	5.002	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41479	4.944	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	197900	4.777	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	200715	4.903	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	135237	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	133575	4.821	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	124242	4.902	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7458	4.553	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	92287	4.603	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	66816	4.731	ug/L	99
71) Naphthalene	14.081	128	85639	4.597	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	59038	4.838	ug/L	98

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

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