

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091924\
 Data File : VU060935.D
 Acq On : 20 Sep 2024 08:39
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Sep 20 08:54:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131663	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	134892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42451	3.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.911	69	35759	4.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.560	65	17592	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.634	46	76960	40.482	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.960%
24) Chloroform-d	5.055	84	91664	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	43532	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.718	84	167286	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	49275	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.891	98	158518	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	19221	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	61822	38.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45281	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	60880	5.207	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50700	5.101	ug/L	98
3) Chloromethane	1.518	50	42607	4.058	ug/L	98
5) Vinyl chloride	1.602	62	52622	4.631	ug/L	96
6) Bromomethane	1.856	94	22982	3.165	ug/L	96
8) Chloroethane	1.930	64	32617	4.699	ug/L	95
9) Trichlorofluoromethane	2.133	101	87770	5.624	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46810	5.161	ug/L	91
12) 1,1-Dichloroethene	2.576	96	43039	5.197	ug/L	78
13) Acetone	2.653	43	61384	48.398	ug/L	97
14) Carbon disulfide	2.788	76	110729	4.819	ug/L	99
15) Methyl Acetate	2.952	43	49749	16.088	ug/L	91
16) Methylene chloride	3.039	84	56826	5.925	ug/L	90
17) Methyl tert-butyl Ether	3.358	73	99146	5.297	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	44671	5.205	ug/L	93
19) 1,1-Dichloroethane	3.859	63	83460	4.844	ug/L	95
21) 2-Butanone	4.714	43	70626	34.207	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	51551	5.428	ug/L	92
23) Bromochloromethane	4.965	128	25625	5.713	ug/L	83
25) Chloroform	5.078	83	95798	5.332	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53693	5.157	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	84558	5.806	ug/L	96
30) Cyclohexane	5.380	56	52876	4.417	ug/L	92
31) Carbon tetrachloride	5.518	117	76115	5.903	ug/L	99
33) Benzene	5.766	78	190290	5.130	ug/L	100
34) Trichloroethene	6.534	95	52312	5.380	ug/L	92
35) Methylcyclohexane	6.756	83	61950	4.644	ug/L	95
37) 1,2-Dichloropropane	6.782	63	52385	5.125	ug/L #	96
38) Bromodichloromethane	7.097	83	66946	5.340	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	62875	4.625	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	215827	45.222	ug/L #	94
42) Toluene	7.962	91	215604	5.559	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	55637	4.977	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	41598	5.638	ug/L	97
47) Tetrachloroethene	8.547	164	44334	5.738	ug/L	96
48) 2-Hexanone	8.679	43	120883	34.748	ug/L	92
49) Dibromochloromethane	8.801	129	48519	5.776	ug/L	97
50) 1,2-Dibromoethane	8.917	107	37488	5.693	ug/L	99
51) Chlorobenzene	9.441	112	144254	5.539	ug/L	96
52) Ethylbenzene	9.563	91	219842	5.385	ug/L	98
53) m,p-Xylene	9.685	106	90013	5.815	ug/L	94
54) o-Xylene	10.094	106	84348	5.521	ug/L	99
55) Styrene	10.107	104	145098	5.635	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	49039	5.328	ug/L	98
59) Bromoform	10.283	173	31789	6.062	ug/L	98
60) Isopropylbenzene	10.476	105	224969	5.456	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	33711	5.194	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	166670	5.200	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	171441	5.414	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	115874	5.588	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	117130	5.465	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	113212	5.775	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6842	5.399	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	84826	5.469	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	63335	5.797	ug/L	97
71) Naphthalene	14.081	128	81284	5.641	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	57558	6.098	ug/L	98

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

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