

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032024\
 Data File : VU058177.D
 Acq On : 20 Mar 2024 16:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005162

Quant Time: Mar 21 01:50:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 21 01:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	102289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32134	4.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.911	69	29862	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	14355	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.624	46	84738	69.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.080%#
24) Chloroform-d	5.055	84	74890	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.695	65	36341	5.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	5.721	84	140378	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	44768	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	124771	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	13712	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	68827	65.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.560%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31552	5.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	42500	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	29746	4.742	ug/L	98
3) Chloromethane	1.518	50	35527	4.843	ug/L	98
5) Vinyl chloride	1.602	62	39684	5.030	ug/L	99
6) Bromomethane	1.856	94	20569	4.950	ug/L	96
8) Chloroethane	1.930	64	26838	5.402	ug/L	99
9) Trichlorofluoromethane	2.136	101	60855	5.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	39438	5.612	ug/L	98
12) 1,1-Dichloroethene	2.576	96	33789	5.409	ug/L	90
13) Acetone	2.637	43	62397	68.315	ug/L	100
14) Carbon disulfide	2.788	76	80291	4.157	ug/L	100
15) Methyl Acetate	2.952	43	13519	6.670	ug/L	99
16) Methylene chloride	3.039	84	43099	5.677	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	88096	5.964	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	35083	5.156	ug/L	98
19) 1,1-Dichloroethane	3.862	63	81276	5.988	ug/L	99
21) 2-Butanone	4.705	43	92894	64.545	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	43569	5.821	ug/L	97
23) Bromochloromethane	4.968	128	17214	6.193	ug/L	94
25) Chloroform	5.078	83	84595	6.105	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48272	6.292	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	66260	5.442	ug/L	97
30) Cyclohexane	5.380	56	56990	4.636	ug/L	98
31) Carbon tetrachloride	5.515	117	56197	5.312	ug/L	98
33) Benzene	5.766	78	171435	5.462	ug/L	100
34) Trichloroethene	6.534	95	46096	5.582	ug/L	94
35) Methylcyclohexane	6.756	83	60878	4.809	ug/L	98
37) 1,2-Dichloropropane	6.782	63	47585	5.879	ug/L	99
38) Bromodichloromethane	7.097	83	56157	5.719	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	60298	5.407	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	246908	66.313	ug/L	100
42) Toluene	7.962	91	178770	5.469	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	48993	5.513	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	29783	6.206	ug/L	98
47) Tetrachloroethene	8.547	164	29383	5.128	ug/L	96
48) 2-Hexanone	8.679	43	179050	65.573	ug/L	99
49) Dibromochloromethane	8.804	129	32885	5.789	ug/L	99
50) 1,2-Dibromoethane	8.917	107	26079	6.123	ug/L #	96
51) Chlorobenzene	9.441	112	112847	5.505	ug/L	98
52) Ethylbenzene	9.563	91	199011	5.440	ug/L	99
53) m,p-Xylene	9.688	106	70241	5.375	ug/L	96
54) o-Xylene	10.094	106	71257	5.471	ug/L	99
55) Styrene	10.110	104	116430	5.695	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	35643	6.305	ug/L	97
59) Bromoform	10.283	173	16047	5.725	ug/L	99
60) Isopropylbenzene	10.479	105	182607	5.456	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	25790	6.265	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	151058	5.351	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	149903	5.380	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	86563	5.690	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	81472	5.471	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	78352	5.899	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	5082	6.222	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	59682	5.453	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	44529	5.415	ug/L	96
71) Naphthalene	14.084	128	59378	5.288	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	38734	5.964	ug/L	99

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

