

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111124\
 Data File : VU061593.D
 Acq On : 11 Nov 2024 20:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: Nov 12 03:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 03:43:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62507	5.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 115.800%	
7) Chloroethane-d5	1.911	69	59112	5.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 119.400%	
11) 1,1-Dichloroethene-d2	2.560	65	27138	5.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 117.400%	
20) 2-Butanone-d5	4.624	46	142945	65.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 130.320%#	
24) Chloroform-d	5.052	84	128132	6.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 125.000%	
26) 1,2-Dichloroethane-d4	5.692	65	63229	6.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 123.800%	
32) Benzene-d6	5.718	84	258054	6.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 122.400%	
36) 1,2-Dichloropropane-d6	6.682	67	77637	6.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 122.600%	
41) Toluene-d8	7.888	98	239479	6.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 121.600%	
43) trans-1,3-Dichloroprop...	8.174	79	30518	5.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 118.000%	
46) 2-Hexanone-d5	8.624	63	126902	59.901	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 119.800%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	63617	6.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 132.800%#	
66) 1,2-Dichlorobenzene-d4	12.184	152	81232	6.064	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 121.200%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47350	4.465	ug/L	100
3) Chloromethane	1.518	50	46632	4.170	ug/L	98
5) Vinyl chloride	1.599	62	55490	4.513	ug/L	98
6) Bromomethane	1.853	94	33887	4.160	ug/L	95
8) Chloroethane	1.930	64	43844	4.844	ug/L	99
9) Trichlorofluoromethane	2.133	101	83396	4.994	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50456	5.089	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46884	4.986	ug/L	95
13) Acetone	2.641	43	76798	55.274	ug/L	96
14) Carbon disulfide	2.788	76	122549	3.906	ug/L	100
15) Methyl Acetate	2.952	43	19098	5.551	ug/L	99
16) Methylene chloride	3.039	84	58305	5.262	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135918	5.333	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	51987	5.000	ug/L	97
19) 1,1-Dichloroethane	3.859	63	106011	5.405	ug/L	99
21) 2-Butanone	4.705	43	128259	58.230	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	65271	5.495	ug/L	93
23) Bromochloromethane	4.965	128	29459	5.894	ug/L	97
25) Chloroform	5.078	83	114664	5.561	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71536	5.490	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	91058	4.971	ug/L	99
30) Cyclohexane	5.377	56	78376	4.266	ug/L	99
31) Carbon tetrachloride	5.515	117	74819	4.774	ug/L	99
33) Benzene	5.763	78	241412	5.218	ug/L	100
34) Trichloroethene	6.534	95	63141	5.018	ug/L	98
35) Methylcyclohexane	6.753	83	86165	4.302	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65170	5.558	ug/L	100
38) Bromodichloromethane	7.097	83	77783	5.241	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	91878	5.073	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	332755	57.018	ug/L	99
42) Toluene	7.962	91	258176	5.139	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73811	5.002	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	48616	5.761	ug/L	97
47) Tetrachloroethene	8.547	164	45149	5.137	ug/L	97
48) 2-Hexanone	8.676	43	239188	57.959	ug/L	98
49) Dibromochloromethane	8.801	129	49820	5.205	ug/L	96
50) 1,2-Dibromoethane	8.914	107	45458	5.545	ug/L	94
51) Chlorobenzene	9.438	112	169127	5.326	ug/L	97
52) Ethylbenzene	9.563	91	275284	4.982	ug/L	100
53) m,p-Xylene	9.685	106	104425	4.960	ug/L	97
54) o-Xylene	10.090	106	104082	5.010	ug/L	96
55) Styrene	10.107	104	168719	5.065	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	59921	5.893	ug/L	99
59) Bromoform	10.280	173	26596	4.749	ug/L	98
60) Isopropylbenzene	10.476	105	273771	4.737	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41426	5.497	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	215914	4.589	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	215325	4.630	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	125455	5.158	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	124372	5.016	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	121680	5.315	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7509	4.745	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	88680	5.319	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	74006	5.500	ug/L	98
71) Naphthalene	14.081	128	123049	5.796	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65918	5.856	ug/L	99

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

