

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062510.D
 Acq On : 20 Dec 2024 08:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Dec 20 08:35:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 01:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	80887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21615	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.911	69	17130	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.560	65	11079	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.628	46	44472	42.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.060%
24) Chloroform-d	5.052	84	55527	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	30271	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.718	84	94706	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.679	67	25400	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.888	98	90567	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.174	79	12065	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	35066	42.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21744	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	34121	4.601	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	29024	3.831	ug/L	99
3) Chloromethane	1.518	50	21643	3.644	ug/L	96
5) Vinyl chloride	1.602	62	24190	3.912	ug/L	99
6) Bromomethane	1.853	94	18816	4.565	ug/L	100
8) Chloroethane	1.930	64	14705	4.246	ug/L	99
9) Trichlorofluoromethane	2.132	101	48782	4.545	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	22477	3.848	ug/L	89
12) 1,1-Dichloroethene	2.573	96	21873	4.005	ug/L #	87
13) Acetone	2.644	43	34424	48.353	ug/L	99
14) Carbon disulfide	2.788	76	59941	3.471	ug/L	98
15) Methyl Acetate	2.952	43	7978	4.471	ug/L	96
16) Methylene chloride	3.039	84	25716	4.486	ug/L	84
17) Methyl tert-butyl Ether	3.354	73	65009	4.778	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	23470	4.183	ug/L	90
19) 1,1-Dichloroethane	3.859	63	44388	4.316	ug/L	96
21) 2-Butanone	4.708	43	48432	46.844	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	28189	4.482	ug/L	95
23) Bromochloromethane	4.965	128	13732	4.981	ug/L #	74
25) Chloroform	5.074	83	58476	5.047	ug/L	99

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27) 1,2-Dichloroethane	5.785	62	37108	5.040	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	50719	4.775	ug/L	94
30) Cyclohexane	5.380	56	27693	3.215	ug/L	88
31) Carbon tetrachloride	5.515	117	45247	4.645	ug/L	98
33) Benzene	5.763	78	98772	4.221	ug/L	100
34) Trichloroethene	6.534	95	29957	4.519	ug/L	96
35) Methylcyclohexane	6.753	83	32098	3.266	ug/L	96
37) 1,2-Dichloropropane	6.779	63	24406	4.283	ug/L	98
38) Bromodichloromethane	7.097	83	40075	4.985	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	39801	4.357	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	121982	45.673	ug/L #	90
42) Toluene	7.962	91	109164	4.326	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	34227	4.589	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	20799	4.835	ug/L	95
47) Tetrachloroethene	8.544	164	22530	4.402	ug/L	96
48) 2-Hexanone	8.676	43	88995	45.089	ug/L #	92
49) Dibromochloromethane	8.798	129	27222	5.237	ug/L	96
50) 1,2-Dibromoethane	8.914	107	20226	4.893	ug/L #	99
51) Chlorobenzene	9.438	112	71358	4.414	ug/L	99
52) Ethylbenzene	9.560	91	119473	4.223	ug/L	99
53) m,p-Xylene	9.685	106	45003	4.309	ug/L	91
54) o-Xylene	10.090	106	46171	4.545	ug/L	94
55) Styrene	10.106	104	75676	4.519	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	23613	4.716	ug/L #	98
59) Bromoform	10.280	173	16149	5.106	ug/L #	99
60) Isopropylbenzene	10.473	105	118044	4.060	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	17229	4.629	ug/L	94
62) 1,3,5-Trimethylbenzene	11.077	105	101445	4.123	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	99944	4.146	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	58324	4.367	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	58669	4.362	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	56192	4.553	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	4226	5.206	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.209	180	41688	4.199	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	32552	4.153	ug/L	98
71) Naphthalene	14.081	128	45384	3.856	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	28277	4.091	ug/L	99

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

