

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060079.D
 Acq On : 19 Jul 2024 22:41
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Jul 20 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	121019	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34108	4.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	35587	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	14525	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.627	46	118765	60.331	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.660%
24) Chloroform-d	5.055	84	90210	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	44319	5.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.721	84	168841	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.685	67	55403	5.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.891	98	155516	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.177	79	19027	5.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.627	63	101156	63.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55042	5.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	63432	5.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49520	5.411	ug/L	99
3) Chloromethane	1.518	50	60241	5.450	ug/L	99
5) Vinyl chloride	1.602	62	68652	5.540	ug/L	100
6) Bromomethane	1.853	94	44514	5.518	ug/L	99
8) Chloroethane	1.930	64	44061	5.444	ug/L	99
9) Trichlorofluoromethane	2.132	101	88852	5.686	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	56396	5.530	ug/L	98
12) 1,1-Dichloroethene	2.573	96	50898	5.510	ug/L	93
13) Acetone	2.640	43	75152	57.712	ug/L	96
14) Carbon disulfide	2.788	76	146677	5.453	ug/L	100
15) Methyl Acetate	2.956	43	20007	6.247	ug/L	97
16) Methylene chloride	3.039	84	62777	5.543	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	127768	6.065	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55582	5.785	ug/L	96
19) 1,1-Dichloroethane	3.859	63	103116	5.652	ug/L	98
21) 2-Butanone	4.708	43	126967	61.592	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	63889	5.936	ug/L	94
23) Bromochloromethane	4.968	128	31121	5.950	ug/L	96
25) Chloroform	5.078	83	112070	5.586	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67016	5.843	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	88903	5.758	ug/L	99
30) Cyclohexane	5.380	56	72560	5.942	ug/L	98
31) Carbon tetrachloride	5.515	117	75255	5.649	ug/L	96
33) Benzene	5.766	78	244261	5.981	ug/L	100
34) Trichloroethene	6.534	95	61986	5.723	ug/L	98
35) Methylcyclohexane	6.756	83	81680	5.753	ug/L	99
37) 1,2-Dichloropropane	6.785	63	64668	5.861	ug/L	100
38) Bromodichloromethane	7.100	83	78826	5.703	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	83198	5.770	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	316716	64.873	ug/L	97
42) Toluene	7.962	91	266011	6.121	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70327	5.839	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	51773	6.141	ug/L	98
47) Tetrachloroethene	8.547	164	51458	5.746	ug/L	98
48) 2-Hexanone	8.679	43	239082	66.883	ug/L	99
49) Dibromochloromethane	8.804	129	56410	6.049	ug/L	97
50) 1,2-Dibromoethane	8.917	107	46340	6.079	ug/L	98
51) Chlorobenzene	9.441	112	167239	5.890	ug/L	99
52) Ethylbenzene	9.563	91	265172	6.118	ug/L	100
53) m,p-Xylene	9.688	106	104579	6.246	ug/L	95
54) o-Xylene	10.094	106	99435	6.210	ug/L	95
55) Styrene	10.110	104	175467	6.438	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63806	6.187	ug/L	98
59) Bromoform	10.283	173	35988	5.879	ug/L	99
60) Isopropylbenzene	10.479	105	264989	6.015	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	43377	6.108	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	198839	5.907	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	197730	6.079	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	138970	5.862	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	136401	5.652	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	129132	5.691	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.990	75	8166	5.900	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	97668	5.459	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	77257	5.674	ug/L	100
71) Naphthalene	14.084	128	108357	5.617	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	71593	5.846	ug/L	99

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

