

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058258.D
 Acq On : 28 Mar 2024 22:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Mar 29 01:16:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	70204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23503	3.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	22610	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	9784	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.624	46	59602	54.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.100%
24) Chloroform-d	5.052	84	51580	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	24375	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	96813	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	30791	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	84645	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	9210	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	45283	51.928	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21954	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	27757	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	11799	3.936	ug/L	100
3) Chloromethane	1.515	50	14197	3.716	ug/L	98
5) Vinyl chloride	1.599	62	17403	4.171	ug/L	99
6) Bromomethane	1.853	94	8013	3.581	ug/L	99
8) Chloroethane	1.930	64	13162	4.784	ug/L	100
9) Trichlorofluoromethane	2.132	101	30443	4.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18856	4.333	ug/L	97
12) 1,1-Dichloroethene	2.576	96	15644	4.288	ug/L	87
13) Acetone	2.644	43	30534	43.181	ug/L	98
14) Carbon disulfide	2.788	76	29894	3.667	ug/L	99
15) Methyl Acetate	2.955	43	7297	4.971	ug/L	96
16) Methylene chloride	3.036	84	21351	4.130	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	45232	4.620	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16368	4.293	ug/L	99
19) 1,1-Dichloroethane	3.859	63	39412	4.600	ug/L	97
21) 2-Butanone	4.705	43	46760	43.526	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	21263	4.513	ug/L	92
23) Bromochloromethane	4.968	128	8711	4.955	ug/L	98
25) Chloroform	5.078	83	42118	4.688	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	23710	4.648	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	32637	4.496	ug/L	98
30) Cyclohexane	5.380	56	24057	3.794	ug/L	98
31) Carbon tetrachloride	5.518	117	27458	4.444	ug/L	96
33) Benzene	5.766	78	80956	4.390	ug/L	100
34) Trichloroethene	6.537	95	24513	5.103	ug/L	97
35) Methylcyclohexane	6.756	83	25107	3.748	ug/L	97
37) 1,2-Dichloropropane	6.782	63	23544	4.571	ug/L	99
38) Bromodichloromethane	7.097	83	28907	4.896	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	29098	4.454	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	120106	46.114	ug/L	99
42) Toluene	7.962	91	86907	4.461	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	23527	4.577	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	15264	4.705	ug/L	97
47) Tetrachloroethene	8.547	164	26574	8.259	ug/L	99
48) 2-Hexanone	8.679	43	85601	45.131	ug/L	97
49) Dibromochloromethane	8.804	129	17640	4.969	ug/L	98
50) 1,2-Dibromoethane	8.917	107	13014	4.660	ug/L	98
51) Chlorobenzene	9.441	112	57681	4.595	ug/L	99
52) Ethylbenzene	9.563	91	95275	4.380	ug/L	98
53) m,p-Xylene	9.688	106	34736	4.481	ug/L	95
54) o-Xylene	10.093	106	35293	4.511	ug/L	96
55) Styrene	10.110	104	57898	4.686	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	18455	4.826	ug/L	99
59) Bromoform	10.286	173	9044	5.070	ug/L	96
60) Isopropylbenzene	10.476	105	89357	4.379	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	12985	4.565	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	72963	4.260	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	74107	4.357	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	43302	4.556	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	42347	4.610	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	41344	4.704	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	2300	5.362	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	29742	4.476	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	23083	4.657	ug/L	99
71) Naphthalene	14.084	128	29582	4.382	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	19753	4.867	ug/L	99

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

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