

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072222\
 Data File : U049863.D
 Acq On : 22 Jul 2022 20:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Jul 23 02:36:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	42436	4.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.909	69	34312	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.562	65	19035	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.636	46	144247	47.216	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.063	84	91873	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.703	65	50154	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.726	84	164588	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.690	67	56184	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	145792	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.182	79	19703	4.796	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.636	63	86768	53.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46659	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	49132	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	68917	6.225	ug/L	99
3) Chloromethane	1.520	50	69225	5.082	ug/L	98
5) Vinyl chloride	1.600	62	63790	5.601	ug/L	99
6) Bromomethane	1.854	94	31558	5.124	ug/L	94
8) Chloroethane	1.932	64	35125	5.351	ug/L	99
9) Trichlorofluoromethane	2.134	101	84727	6.051	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	42172	6.158	ug/L	96
12) 1,1-Dichloroethene	2.575	96	39201	5.657	ug/L	98
13) Acetone	2.652	43	92623	50.406	ug/L	96
14) Carbon disulfide	2.790	76	119270	5.563	ug/L	96
15) Methyl Acetate	2.957	43	23722	5.178	ug/L	98
16) Methylene chloride	3.044	84	62208	3.980	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	113863	5.072	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	42805	5.344	ug/L	99
19) 1,1-Dichloroethane	3.870	63	90749	5.242	ug/L	99
21) 2-Butanone	4.716	43	158587	50.886	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	48753	5.255	ug/L	99
23) Bromochloromethane	4.977	128	22026	5.315	ug/L	89
25) Chloroform	5.089	83	96872	5.274	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	63265	5.015	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	79786	5.912	ug/L	99
30) Cyclohexane	5.388	56	71776	6.569	ug/L	98
31) Carbon tetrachloride	5.526	117	66361	6.056	ug/L	97
33) Benzene	5.774	78	195629	5.608	ug/L	100
34) Trichloroethene	6.542	95	54478	6.441	ug/L	99
35) Methylcyclohexane	6.764	83	68088	6.527	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53718	5.403	ug/L	99
38) Bromodichloromethane	7.105	83	68427	5.509	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	67921	5.184	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	375115	54.096	ug/L	100
42) Toluene	7.970	91	198265	5.683	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	58295	5.154	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	38078	5.367	ug/L	98
47) Tetrachloroethene	8.552	164	33999	5.840	ug/L	98
48) 2-Hexanone	8.687	43	282451	54.575	ug/L	99
49) Dibromochloromethane	8.809	129	42283	5.332	ug/L	91
50) 1,2-Dibromoethane	8.925	107	34179	5.425	ug/L	100
51) Chlorobenzene	9.446	112	120571	5.444	ug/L	98
52) Ethylbenzene	9.571	91	200760	5.597	ug/L	99
53) m,p-Xylene	9.693	106	72909	5.525	ug/L	93
54) o-Xylene	10.102	106	74480	5.712	ug/L	96
55) Styrene	10.115	104	124492	5.636	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	49082	5.356	ug/L	93
59) Bromoform	10.291	173	23914	5.652	ug/L	97
60) Isopropylbenzene	10.484	105	191226	5.946	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	35299	5.450	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	156210	5.749	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	151467	5.743	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	84907	5.340	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	81075	5.154	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	83719	5.330	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7888	5.444	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	59050	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	45639	4.630	ug/L	99
71) Naphthalene	14.085	128	84284	4.386	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	45581	4.812	ug/L	99

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

