

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050042.D
 Acq On : 29 Jul 2022 17:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Jul 30 01:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28754	4.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.909	69	24576	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.562	65	10645	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.636	46	89499	58.203	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.400%
24) Chloroform-d	5.064	84	62678	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.703	65	31345	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.729	84	116345	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.694	67	40115	5.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.899	98	103530	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.179	79	14622	5.314	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.636	63	57802	56.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37690	5.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	35086	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	32295	5.201	ug/L	98
3) Chloromethane	1.520	50	39249	5.334	ug/L	96
5) Vinyl chloride	1.601	62	37972	5.491	ug/L	100
6) Bromomethane	1.855	94	22453	5.866	ug/L	98
8) Chloroethane	1.932	64	23053	5.879	ug/L	98
9) Trichlorofluoromethane	2.134	101	47078	5.780	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	26598	5.547	ug/L	98
12) 1,1-Dichloroethene	2.578	96	25494	5.742	ug/L	94
13) Acetone	2.646	43	47351	43.810	ug/L	98
14) Carbon disulfide	2.790	76	68296	5.063	ug/L	99
15) Methyl Acetate	2.958	43	13074	5.830	ug/L	98
16) Methylene chloride	3.044	84	41897	6.137	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	73516	5.923	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	27740	5.684	ug/L	99
19) 1,1-Dichloroethane	3.871	63	59593	5.952	ug/L	97
21) 2-Butanone	4.716	43	89788	57.678	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	34310	5.881	ug/L	98
23) Bromochloromethane	4.977	128	16618	6.221	ug/L	98
25) Chloroform	5.089	83	64258	5.727	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	38888	6.211	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	48212	5.598	ug/L	99
30) Cyclohexane	5.391	56	36381	5.005	ug/L	99
31) Carbon tetrachloride	5.527	117	39204	5.604	ug/L	97
33) Benzene	5.774	78	135035	5.705	ug/L	100
34) Trichloroethene	6.543	95	31425	5.462	ug/L	98
35) Methylcyclohexane	6.764	83	36123	4.760	ug/L	95
37) 1,2-Dichloropropane	6.790	63	37977	5.821	ug/L	100
38) Bromodichloromethane	7.108	83	46744	5.922	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	46141	5.466	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	229111	60.784	ug/L	100
42) Toluene	7.970	91	137687	5.720	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	39757	5.608	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	28846	5.918	ug/L	95
47) Tetrachloroethene	8.552	164	22257	5.375	ug/L	95
48) 2-Hexanone	8.687	43	185951	64.717	ug/L	99
49) Dibromochloromethane	8.813	129	32112	6.020	ug/L	100
50) 1,2-Dibromoethane	8.925	107	26233	6.061	ug/L #	96
51) Chlorobenzene	9.449	112	84904	5.557	ug/L	100
52) Ethylbenzene	9.571	91	128446	5.448	ug/L	99
53) m,p-Xylene	9.694	106	48221	5.371	ug/L	98
54) o-Xylene	10.102	106	49681	5.707	ug/L	98
55) Styrene	10.115	104	85211	5.747	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	38635	6.089	ug/L	97
59) Bromoform	10.292	173	18126	5.956	ug/L	99
60) Isopropylbenzene	10.485	105	120736	5.398	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	25993	5.912	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	94433	5.197	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	92337	5.244	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	59699	5.575	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	58532	5.524	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	59699	5.611	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	5231	6.023	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.221	180	39974	5.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	29664	4.816	ug/L	97
71) Naphthalene	14.086	128	54405	4.455	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	31153	5.096	ug/L	98

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

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