

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049904.D
 Acq On : 26 Jul 2022 07:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Jul 26 09:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77803	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34229	5.434	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.912	69	31094	5.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.000%
11) 1,1-Dichloroethene-d2	2.565	65	13947	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.636	46	150310	66.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.640%#
24) Chloroform-d	5.063	84	83695	5.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.400%
26) 1,2-Dichloroethane-d4	5.703	65	48599	5.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.200%
32) Benzene-d6	5.726	84	145221	5.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.800%
36) 1,2-Dichloropropane-d6	6.690	67	51848	6.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.800%
41) Toluene-d8	7.896	98	118662	5.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	8.179	79	15478	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.636	63	80197	66.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.020%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	46657	6.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.600%#
66) 1,2-Dichlorobenzene-d4	12.192	152	42147	6.029	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35995	4.382	ug/L	98
3) Chloromethane	1.520	50	49856	4.933	ug/L	99
5) Vinyl chloride	1.600	62	41483	4.910	ug/L	96
6) Bromomethane	1.858	94	22700	4.968	ug/L	99
8) Chloroethane	1.932	64	24063	4.942	ug/L	100
9) Trichlorofluoromethane	2.137	101	45765	4.406	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	19921	3.921	ug/L	98
12) 1,1-Dichloroethene	2.578	96	24365	4.739	ug/L	95
13) Acetone	2.649	43	75699	55.531	ug/L	100
14) Carbon disulfide	2.790	76	70900	4.458	ug/L	100
15) Methyl Acetate	2.957	43	18337	5.396	ug/L	98
16) Methylene chloride	3.044	84	52187	4.500	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	84785	5.091	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	27246	4.585	ug/L	94
19) 1,1-Dichloroethane	3.870	63	64621	5.031	ug/L	99
21) 2-Butanone	4.716	43	125220	54.162	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	35077	5.096	ug/L	96
23) Bromochloromethane	4.973	128	16914	5.501	ug/L	96
25) Chloroform	5.089	83	68607	5.035	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	47509	5.077	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	49862	4.952	ug/L	100
30) Cyclohexane	5.385	56	30923	3.792	ug/L	98
31) Carbon tetrachloride	5.523	117	37867	4.631	ug/L	100
33) Benzene	5.774	78	135651	5.211	ug/L	100
34) Trichloroethene	6.542	95	32221	5.106	ug/L	96
35) Methylcyclohexane	6.761	83	28118	3.612	ug/L	96
37) 1,2-Dichloropropane	6.790	63	38498	5.189	ug/L	99
38) Bromodichloromethane	7.105	83	49562	5.348	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	41443	4.239	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	292706	56.568	ug/L	99
42) Toluene	7.970	91	125112	4.806	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	37313	4.421	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	28123	5.312	ug/L	98
47) Tetrachloroethene	8.552	164	19051	4.385	ug/L	94
48) 2-Hexanone	8.687	43	243870	63.146	ug/L	97
49) Dibromochloromethane	8.809	129	31748	5.365	ug/L	94
50) 1,2-Dibromoethane	8.922	107	25819	5.491	ug/L	96
51) Chlorobenzene	9.446	112	77048	4.662	ug/L	98
52) Ethylbenzene	9.571	91	114384	4.273	ug/L	99
53) m,p-Xylene	9.693	106	40179	4.080	ug/L	96
54) o-Xylene	10.102	106	43135	4.433	ug/L	96
55) Styrene	10.115	104	75113	4.557	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	38146	5.578	ug/L	95
59) Bromoform	10.291	173	17610	5.973	ug/L	99
60) Isopropylbenzene	10.484	105	102944	4.594	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27197	6.027	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	81704	4.315	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	82169	4.471	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	52009	4.694	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	52123	4.755	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	53781	4.914	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6270	6.211	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	36322	4.441	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	31607	4.602	ug/L	98
71) Naphthalene	14.085	128	67398	5.034	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	32081	4.860	ug/L	97

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

