

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047503.D
 Acq On : 11 Mar 2022 19:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005097

Quant Time: Mar 12 01:37:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	126716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69436	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31614	4.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.919	69	24913	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.571	65	14060	4.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.645	46	72821	59.515	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.020%
24) Chloroform-d	5.070	84	56978	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	27857	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.729	84	111352	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.693	67	32765	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.899	98	107047	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.182	79	13306	4.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.635	63	60835	46.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30558	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	43449	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	45764	4.824	ug/L	100
3) Chloromethane	1.523	50	49779	5.254	ug/L	100
5) Vinyl chloride	1.607	62	50408	5.409	ug/L	100
6) Bromomethane	1.864	94	24283	4.570	ug/L	99
8) Chloroethane	1.938	64	31478	5.562	ug/L	98
9) Trichlorofluoromethane	2.144	101	63771	5.194	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	34771	4.587	ug/L	99
12) 1,1-Dichloroethene	2.584	96	38104	5.122	ug/L	88
13) Acetone	2.655	43	67829	60.335	ug/L	98
14) Carbon disulfide	2.800	76	115633	5.063	ug/L	99
15) Methyl Acetate	2.960	43	14907	5.018	ug/L	# 83
16) Methylene chloride	3.050	84	47413	5.339	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	105376	5.492	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	42644	5.354	ug/L	98
19) 1,1-Dichloroethane	3.877	63	75121	5.545	ug/L	100
21) 2-Butanone	4.719	43	119237	58.896	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	47675	5.402	ug/L	97
23) Bromochloromethane	4.980	128	25013	5.931	ug/L	98
25) Chloroform	5.092	83	82716	5.639	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	54596	5.781	ug/L	100
29) 1,1,1-Trichloroethane	5.320	97	70391	5.461	ug/L	99
30) Cyclohexane	5.394	56	54971	4.427	ug/L	98
31) Carbon tetrachloride	5.529	117	59499	5.255	ug/L	97
33) Benzene	5.777	78	178396	5.294	ug/L	100
34) Trichloroethene	6.545	95	45353	5.035	ug/L	98
35) Methylcyclohexane	6.767	83	56298	3.962	ug/L	100
37) 1,2-Dichloropropane	6.793	63	45292	5.397	ug/L	100
38) Bromodichloromethane	7.108	83	61529	5.523	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	63950	5.027	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	302898	52.949	ug/L	99
42) Toluene	7.970	91	189088	5.166	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	57865	5.043	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	37720	5.485	ug/L	96
47) Tetrachloroethene	8.555	164	35324	4.623	ug/L	96
48) 2-Hexanone	8.687	43	224190	54.018	ug/L	98
49) Dibromochloromethane	8.812	129	46135	5.522	ug/L	95
50) 1,2-Dibromoethane	8.925	107	37906	5.417	ug/L	98
51) Chlorobenzene	9.449	112	128261	5.238	ug/L	99
52) Ethylbenzene	9.571	91	193720	4.887	ug/L	98
53) m,p-Xylene	9.693	106	74510	4.791	ug/L	97
54) o-Xylene	10.102	106	75967	5.042	ug/L	96
55) Styrene	10.114	104	130669	5.130	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	51333	5.576	ug/L	97
59) Bromoform	10.291	173	30896	5.910	ug/L	99
60) Isopropylbenzene	10.484	105	191212	4.922	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	35157	5.466	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	118240	4.640	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	154326	4.669	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	101213	4.915	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	101986	4.877	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	101560	5.133	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	8079	5.572	ug/L	89
69) 1,3,5-Trichlorobenzene	13.220	180	76414	4.524	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	67794	4.503	ug/L	99
71) Naphthalene	14.085	128	126324	4.692	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	67718	4.906	ug/L	98

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

