

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027934.D
 Acq On : 19 Sep 2022 18:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV245

Quant Time: Sep 20 01:50:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	127004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51344	5.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.564	69	44426	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.104	63	83521	5.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	3.886	46	93351	58.913	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	4.342	84	87065	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.030	65	38298	5.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.043	84	164982	5.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.066	67	54926	5.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.313	98	153361	5.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
43) trans-1,3-Dichloroprop...	7.622	79	18980	5.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.800%
46) 2-Hexanone-d5	8.088	63	88913	61.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43785	5.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60044	5.422	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	46654	5.002	ug/L	97
3) Chloromethane	1.236	50	45340	4.133	ug/L	100
5) Vinyl chloride	1.307	62	51893	4.771	ug/L	100
6) Bromomethane	1.516	94	34212	4.554	ug/L	95
8) Chloroethane	1.580	64	33903	4.609	ug/L	95
9) Trichlorofluoromethane	1.748	101	77490	4.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	48822	4.743	ug/L	97
12) 1,1-Dichloroethene	2.114	96	43345	4.708	ug/L	95
13) Acetone	2.175	43	54008	42.912	ug/L	98
14) Carbon disulfide	2.288	76	85039	4.664	ug/L	99
15) Methyl Acetate	2.432	43	13505	5.052	ug/L	93
16) Methylene chloride	2.500	84	49372	4.904	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	81827	5.029	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	39924	4.724	ug/L	89
19) 1,1-Dichloroethane	3.185	63	78843	4.900	ug/L	98
21) 2-Butanone	3.969	43	80995	53.528	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	45553	4.814	ug/L	99
23) Bromochloromethane	4.243	128	21396	5.007	ug/L	96
25) Chloroform	4.368	83	83999	4.742	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42047	5.069	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	68746	4.922	ug/L	99
30) Cyclohexane	4.670	56	50609	5.023	ug/L	99
31) Carbon tetrachloride	4.821	117	61998	4.963	ug/L	97
33) Benzene	5.095	78	173402	5.069	ug/L	100
34) Trichloroethene	5.911	95	42862	4.989	ug/L	97
35) Methylcyclohexane	6.127	83	59438	4.886	ug/L	97
37) 1,2-Dichloropropane	6.169	63	45359	4.936	ug/L	100
38) Bromodichloromethane	6.506	83	59365	5.027	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	59067	5.061	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	205686	54.595	ug/L	100
42) Toluene	7.384	91	188854	5.140	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	49566	5.173	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	33234	4.956	ug/L	99
47) Tetrachloroethene	7.972	164	36012	4.705	ug/L	95
48) 2-Hexanone	8.136	43	149157	55.747	ug/L	99
49) Dibromochloromethane	8.243	129	40535	4.946	ug/L	99
50) 1,2-Dibromoethane	8.352	107	29883	5.010	ug/L	91
51) Chlorobenzene	8.879	112	127225	4.974	ug/L	99
52) Ethylbenzene	9.011	91	192593	5.041	ug/L	99
53) m,p-Xylene	9.136	106	79287	5.329	ug/L	97
54) o-Xylene	9.541	106	73569	4.963	ug/L	92
55) Styrene	9.558	104	134308	5.230	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41346	4.885	ug/L	97
59) Bromoform	9.731	173	22891	4.887	ug/L	99
60) Isopropylbenzene	9.931	105	200689	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	26391	5.063	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	52092	4.864	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	150410	4.838	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	107782	5.000	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	109193	5.018	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	100037	5.039	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5851	4.951	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.641	180	82329	4.787	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	68680	5.012	ug/L	99
71) Naphthalene	13.500	128	99194	4.945	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	61253	5.004	ug/L	100

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

