

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027955.D
 Acq On : 20 Sep 2022 03:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Sep 20 04:20:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	107883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45117	5.356	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.200%	
7) Chloroethane-d5	1.564	69	39867	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 107.600%	
11) 1,1-Dichloroethene-d2	2.104	63	76536	5.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 110.000%	
20) 2-Butanone-d5	3.895	46	89828	66.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 133.480%#	
24) Chloroform-d	4.342	84	75983	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.800%	
26) 1,2-Dichloroethane-d4	5.027	65	33804	5.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.800%	
32) Benzene-d6	5.043	84	142845	5.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.800%	
36) 1,2-Dichloropropane-d6	6.066	67	44894	5.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 102.200%	
41) Toluene-d8	7.313	98	128335	5.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.000%	
43) trans-1,3-Dichloroprop...	7.622	79	14700	5.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.200%	
46) 2-Hexanone-d5	8.088	63	80466	62.675	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 125.340%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	37369	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49601	5.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 105.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	41610	5.251	ug/L	100
3) Chloromethane	1.236	50	42948	4.609	ug/L	99
5) Vinyl chloride	1.307	62	47770	5.170	ug/L	97
6) Bromomethane	1.519	94	32484	5.091	ug/L	93
8) Chloroethane	1.580	64	32478	5.197	ug/L	98
9) Trichlorofluoromethane	1.748	101	74421	5.329	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44879	5.133	ug/L	97
12) 1,1-Dichloroethene	2.114	96	41358	5.289	ug/L	96
13) Acetone	2.188	43	53102	49.670	ug/L	97
14) Carbon disulfide	2.291	76	81978	5.293	ug/L	100
15) Methyl Acetate	2.436	43	13675	6.022	ug/L	93
16) Methylene chloride	2.503	84	49005	5.730	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	77236	5.588	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	38176	5.317	ug/L	90
19) 1,1-Dichloroethane	3.185	63	76711	5.612	ug/L	95
21) 2-Butanone	3.982	43	76998	59.906	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	42931	5.341	ug/L	96
23) Bromochloromethane	4.243	128	19648	5.413	ug/L	93
25) Chloroform	4.368	83	76754	5.101	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	37764	5.359	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	63152	5.099	ug/L	99
30) Cyclohexane	4.670	56	42691	4.778	ug/L	98
31) Carbon tetrachloride	4.818	117	53200	4.803	ug/L	95
33) Benzene	5.095	78	154584	5.096	ug/L	100
34) Trichloroethene	5.911	95	38089	5.000	ug/L	97
35) Methylcyclohexane	6.127	83	50042	4.639	ug/L	98
37) 1,2-Dichloropropane	6.172	63	40171	4.929	ug/L	100
38) Bromodichloromethane	6.506	83	51672	4.934	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	46567	4.499	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	189081	56.597	ug/L	98
42) Toluene	7.384	91	165780	5.088	ug/L	94
44) trans-1,3-Dichloropropene	7.651	75	44313	5.216	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	33577	5.646	ug/L	96
47) Tetrachloroethene	7.972	164	35495	5.229	ug/L	97
48) 2-Hexanone	8.140	43	154054	64.930	ug/L	97
49) Dibromochloromethane	8.242	129	39191	5.393	ug/L	100
50) 1,2-Dibromoethane	8.349	107	28679	5.422	ug/L	96
51) Chlorobenzene	8.879	112	112815	4.974	ug/L	98
52) Ethylbenzene	9.011	91	164117	4.844	ug/L	98
53) m,p-Xylene	9.136	106	65277	4.948	ug/L	98
54) o-Xylene	9.541	106	61890	4.708	ug/L	90
55) Styrene	9.558	104	117219	5.148	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38373	5.113	ug/L	93
59) Bromoform	9.728	173	19792	4.971	ug/L	94
60) Isopropylbenzene	9.931	105	168983	5.027	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24319	5.489	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	41656	4.577	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	122574	4.639	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	90361	4.931	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	91479	4.946	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	84017	4.979	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	5084	5.061	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.641	180	68787	4.706	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	54763	4.702	ug/L	99
71) Naphthalene	13.500	128	78678	4.614	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53767	5.168	ug/L	98

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

