

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030822\
 Data File : VV024879.D
 Acq On : 09 Mar 2022 11:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 10 04:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	230270	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	208984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66995	3.430	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.568	69	63078	3.937	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.108	63	122939	3.435	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	68.600%	
20) 2-Butanone-d5	3.905	46	138434	49.621	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	99.240%	
24) Chloroform-d	4.346	84	146910	4.820	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.027	65	63984	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	94.200%	
32) Benzene-d6	5.043	84	278574	4.621	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.066	67	86891	4.897	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	98.000%	
41) Toluene-d8	7.310	98	231562	4.227	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	7.619	79	29548	4.999	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	100.000%	
46) 2-Hexanone-d5	8.088	63	126358	54.331	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	108.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54945	5.138	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	76636	4.388	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	87.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	99842	4.446	ug/L	98
3) Chloromethane	1.240	50	90539	4.037	ug/L	99
5) Vinyl chloride	1.310	62	101442	4.120	ug/L	97
6) Bromomethane	1.523	94	61760	4.199	ug/L	99
8) Chloroethane	1.584	64	61399	4.048	ug/L	98
9) Trichlorofluoromethane	1.751	101	140883	4.358	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	80045	4.265	ug/L	98
12) 1,1-Dichloroethene	2.117	96	73524	4.100	ug/L	91
13) Acetone	2.201	43	82548m	41.958	ug/L	
14) Carbon disulfide	2.291	76	228183	4.534	ug/L	99
15) Methyl Acetate	2.445	43	25286	4.909	ug/L	95
16) Methylene chloride	2.503	84	89304	5.058	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	172283	4.887	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	84412	4.820	ug/L	98
19) 1,1-Dichloroethane	3.185	63	156820	4.890	ug/L	100
21) 2-Butanone	3.995	43	152551	50.177	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	92940	5.020	ug/L	90
23) Bromochloromethane	4.243	128	35475	4.958	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.371	83	163267	4.873	ug/L	99
27) 1,2-Dichloroethane	5.127	62	81183	4.540	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	140427	5.007	ug/L	98
30) Cyclohexane	4.670	56	133059	4.677	ug/L	97
31) Carbon tetrachloride	4.822	117	116967	4.960	ug/L	98
33) Benzene	5.095	78	352859	4.987	ug/L	100
34) Trichloroethene	5.908	95	94555	5.045	ug/L	96
35) Methylcyclohexane	6.127	83	146093	4.824	ug/L	98
37) 1,2-Dichloropropane	6.169	63	85426	5.110	ug/L	99
38) Bromodichloromethane	6.506	83	107425	5.105	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	118851	5.126	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	387912	48.782	ug/L	97
42) Toluene	7.381	91	369447	4.904	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	94187	5.084	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	56911	5.233	ug/L	98
47) Tetrachloroethene	7.969	164	63426	4.969	ug/L	99
48) 2-Hexanone	8.137	43	273233	48.870	ug/L	97
49) Dibromochloromethane	8.243	129	64568	5.350	ug/L	99
50) 1,2-Dibromoethane	8.349	107	50983	5.138	ug/L	98
51) Chlorobenzene	8.876	112	234027	4.966	ug/L	98
52) Ethylbenzene	9.008	91	405748	4.935	ug/L	100
53) m,p-xylene	9.133	106	155750	5.011	ug/L	99
54) o-xylene	9.538	106	151210	4.979	ug/L	100
55) Styrene	9.558	104	255311	5.168	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	54991	4.781	ug/L	99
59) Bromoform	9.728	173	27317	5.346	ug/L	98
60) Isopropylbenzene	9.927	105	408449	4.892	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	44476	4.862	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	341664	4.909	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	342580	4.959	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	173017	4.914	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	173328	4.929	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	155789	5.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8129	5.198	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	124915	5.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	98300	4.997	ug/L	100
71) Naphthalene	13.500	128	164196	4.908	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	82414	5.006	ug/L	99

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

