

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050422\
 Data File : VV025838.D
 Acq On : 04 May 2022 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

Quant Time: May 05 04:53:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 07:57:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	215373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	121569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	90699	3.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.568	69	88026	4.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.111	63	190224	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.886	46	143901	44.542	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.080%
24) Chloroform-d	4.346	84	152584	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.031	65	68213	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.047	84	301894	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.066	67	88460	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.310	98	279356	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	27530	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.085	63	118141	46.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58388	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	89834	4.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	115188	4.543	ug/L	99
3) Chloromethane	1.243	50	131968	4.470	ug/L	99
5) Vinyl chloride	1.314	62	139289	4.726	ug/L	99
6) Bromomethane	1.523	94	75421	4.700	ug/L	100
8) Chloroethane	1.587	64	93525	4.932	ug/L	97
9) Trichlorofluoromethane	1.754	101	190821	4.758	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	103535	4.786	ug/L	98
12) 1,1-Dichloroethene	2.121	96	97456	4.695	ug/L #	81
13) Acetone	2.182	43	100286	47.165	ug/L	95
14) Carbon disulfide	2.294	76	257880	4.805	ug/L	100
15) Methyl Acetate	2.439	43	21334	4.191	ug/L	92
16) Methylene chloride	2.507	84	85731	4.258	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	145124	4.599	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	83886	4.587	ug/L	97
19) 1,1-Dichloroethane	3.188	63	156459	4.797	ug/L	99
21) 2-Butanone	3.973	43	143791	50.540	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	86598	4.626	ug/L	89
23) Bromochloromethane	4.243	128	35923	4.693	ug/L #	91
25) Chloroform	4.371	83	163295	4.796	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	84430	4.575	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	141421	4.828	ug/L	98
30) Cyclohexane	4.674	56	129191	4.876	ug/L	96
31) Carbon tetrachloride	4.822	117	119901	4.795	ug/L	100
33) Benzene	5.095	78	351778	4.853	ug/L	100
34) Trichloroethene	5.912	95	89499	4.693	ug/L	99
35) Methylcyclohexane	6.127	83	144610	4.921	ug/L	94
37) 1,2-Dichloropropane	6.169	63	86488	4.911	ug/L	99
38) Bromodichloromethane	6.506	83	105048	4.812	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	105261	4.879	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	369816	50.546	ug/L	94
42) Toluene	7.384	91	388871	5.052	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	82228	4.779	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	52942	4.711	ug/L	99
47) Tetrachloroethene	7.973	164	69763	4.286	ug/L	97
48) 2-Hexanone	8.137	43	269568	52.244	ug/L #	94
49) Dibromochloromethane	8.243	129	59319	4.784	ug/L	99
50) 1,2-Dibromoethane	8.349	107	47969	4.839	ug/L	99
51) Chlorobenzene	8.879	112	236482	4.829	ug/L	98
52) Ethylbenzene	9.008	91	399623	5.011	ug/L	99
53) m,p-Xylene	9.137	106	157649	5.031	ug/L	98
54) o-Xylene	9.542	106	148159	4.985	ug/L	97
55) Styrene	9.558	104	259005	5.276	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	57253	4.786	ug/L	98
59) Bromoform	9.728	173	25343	4.433	ug/L	98
60) Isopropylbenzene	9.928	105	396923	4.851	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	43464	4.467	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	165288	4.701	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	318092	4.950	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	180135	4.784	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	183520	4.774	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	156780	4.664	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8266	4.554	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	131024	4.636	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95818	4.542	ug/L	99
71) Naphthalene	13.500	128	134293	4.483	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	81269	4.727	ug/L	97

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

