

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021422\
 Data File : VV024643.D
 Acq On : 14 Feb 2022 11:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Feb 15 06:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	131906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50806	4.595	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.571	69	46343	4.958	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.111	63	127002	5.251	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	105.000%	
20) 2-Butanone-d5	3.902	46	89906	48.981	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	97.960%	
24) Chloroform-d	4.346	84	101692	5.226	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.031	65	46057	5.216	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	104.400%	
32) Benzene-d6	5.047	84	200435	5.296	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.066	67	60071	5.103	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	102.000%	
41) Toluene-d8	7.310	98	187266	5.305	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	106.000%	
43) trans-1,3-Dichloroprop...	7.619	79	22906	4.818	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.085	63	85240	50.895	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	101.800%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35674	5.090	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57688	5.139	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	96977	5.595	ug/L	100
3) Chloromethane	1.243	50	92121	5.401	ug/L	98
5) Vinyl chloride	1.314	62	98309	5.353	ug/L	98
6) Bromomethane	1.526	94	59569	5.268	ug/L	100
8) Chloroethane	1.587	64	61071	5.429	ug/L	98
9) Trichlorofluoromethane	1.757	101	138037	5.561	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	80541	5.820	ug/L	88
12) 1,1-Dichloroethene	2.121	96	77814	5.698	ug/L	94
13) Acetone	2.201	43	75003	51.779	ug/L	74
14) Carbon disulfide	2.294	76	233636	5.382	ug/L	99
15) Methyl Acetate	2.442	43	21681	5.234	ug/L	91
16) Methylene chloride	2.507	84	70639	5.221	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	152053	5.403	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	73727	5.495	ug/L	90
19) 1,1-Dichloroethane	3.188	63	134652	5.811	ug/L	98
21) 2-Butanone	3.986	43	133591	55.648	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	77667	5.742	ug/L	94
23) Bromochloromethane	4.246	128	30434	5.924	ug/L	87

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

25) Chloroform	4.371	83	136818	5.641	ug/L	97
27) 1,2-Dichloroethane	5.127	62	76361	5.742	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	124970	5.711	ug/L	97
30) Cyclohexane	4.674	56	127425	5.652	ug/L	97
31) Carbon tetrachloride	4.825	117	105426	5.689	ug/L	100
33) Benzene	5.095	78	306777	5.893	ug/L	100
34) Trichloroethene	5.908	95	81738	5.702	ug/L	88
35) Methylcyclohexane	6.127	83	137612	5.803	ug/L	98
37) 1,2-Dichloropropane	6.169	63	74075	5.870	ug/L	97
38) Bromodichloromethane	6.506	83	95709	5.707	ug/L #	96
39) cis-1,3-Dichloropropene	7.024	75	110926	5.769	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	372938	57.271	ug/L	100
42) Toluene	7.384	91	329770	5.815	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	88624	5.580	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	47001	5.748	ug/L	95
47) Tetrachloroethene	7.973	164	54263	5.706	ug/L	90
48) 2-Hexanone	8.137	43	263320	59.073	ug/L	98
49) Dibromochloromethane	8.243	129	56462	5.718	ug/L	98
50) 1,2-Dibromoethane	8.349	107	44823	5.840	ug/L #	97
51) Chlorobenzene	8.876	112	202930	5.839	ug/L	93
52) Ethylbenzene	9.008	91	367176	5.819	ug/L	98
53) m,p-xylene	9.133	106	141563	5.923	ug/L	94
54) o-xylene	9.538	106	135477	5.878	ug/L	94
55) Styrene	9.558	104	224455	5.932	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	48353	5.838	ug/L	99
59) Bromoform	9.731	173	24885	5.592	ug/L	96
60) Isopropylbenzene	9.928	105	365575	5.788	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	39544	5.760	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	314354	5.812	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	311758	5.798	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	149834	5.828	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	146183	5.725	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	131444	5.759	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	7345	5.508	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.641	180	105132	5.747	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	82140	5.561	ug/L	96
71) Naphthalene	13.500	128	145893	5.453	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	68661	5.527	ug/L	96

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

