

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
 Data File : VV031783.D
 Acq On : 08 Aug 2023 08:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Aug 09 01:34:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	198463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	210077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57646	3.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.536	69	60768	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.060	65	28400	3.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.802	46	240966	53.665	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	4.256	84	176998	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.947	65	87541	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.966	84	277054	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	5.995	67	101119	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.246	98	259223	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	33916	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.031	63	164779	50.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	77438	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	99566	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	87776	4.072	ug/L	99
3) Chloromethane	1.221	50	83676	3.747	ug/L	98
5) Vinyl chloride	1.285	62	92506	4.335	ug/L #	29
6) Bromomethane	1.491	94	59896	4.592	ug/L	95
8) Chloroethane	1.552	64	51616	4.169	ug/L	96
9) Trichlorofluoromethane	1.716	101	151638	4.925	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	79755	4.710	ug/L	91
12) 1,1-Dichloroethene	2.073	96	66021	4.264	ug/L	80
13) Acetone	2.134	43	112478	39.373	ug/L	96
14) Carbon disulfide	2.243	76	204762	4.260	ug/L	99
15) Methyl Acetate	2.384	43	28906	4.730	ug/L	100
16) Methylene chloride	2.449	84	87927	4.273	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	128918	4.531	ug/L	96
18) trans-1,2-Dichloroethene	2.700	96	63046	4.709	ug/L	92
19) 1,1-Dichloroethane	3.118	63	143473	4.901	ug/L #	89
21) 2-Butanone	3.886	43	179859	48.370	ug/L	86
22) cis-1,2-Dichloroethene	3.818	96	65818	4.973	ug/L	94
23) Bromochloromethane	4.156	128	34879	5.233	ug/L	86
25) Chloroform	4.281	83	154193	5.355	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	85001	4.694	ug/L	95
29) 1,1,1-Trichloroethane	4.516	97	128813	5.077	ug/L	98
30) Cyclohexane	4.593	56	83128	4.506	ug/L	96
31) Carbon tetrachloride	4.738	117	118033	5.272	ug/L	100
33) Benzene	5.015	78	272110	5.099	ug/L	100
34) Trichloroethene	5.838	95	75148	4.964	ug/L	90
35) Methylcyclohexane	6.053	83	82946	4.414	ug/L	95
37) 1,2-Dichloropropane	6.098	63	77061	5.031	ug/L #	94
38) Bromodichloromethane	6.439	83	103188	5.074	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	90986	4.771	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	377287	46.081	ug/L #	96
42) Toluene	7.320	91	275094	5.338	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	86423	5.196	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	54198	4.762	ug/L	96
47) Tetrachloroethene	7.908	164	58520	5.599	ug/L	98
48) 2-Hexanone	8.082	43	320761	53.465	ug/L	97
49) Dibromochloromethane	8.182	129	66636	5.451	ug/L	92
50) 1,2-Dibromoethane	8.288	107	51799	4.867	ug/L	94
51) Chlorobenzene	8.818	112	167748	4.935	ug/L	93
52) Ethylbenzene	8.950	91	248834	4.870	ug/L	99
53) m,p-Xylene	9.079	106	93900	4.972	ug/L	96
54) o-Xylene	9.484	106	85028	4.854	ug/L	96
55) Styrene	9.500	104	162862	4.927	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	53678	4.457	ug/L	89
59) Bromoform	9.670	173	37553	4.688	ug/L #	96
60) Isopropylbenzene	9.873	105	244711	4.604	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	46259	4.337	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	190445	4.441	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	190243	4.445	ug/L	95
64) 1,3-Dichlorobenzene	11.124	146	144776	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	148916	4.912	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	138514	5.046	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	10176	4.643	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	105001	5.012	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	79444	4.786	ug/L	99
71) Naphthalene	13.445	128	102303	3.820	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	74192	4.840	ug/L	98

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

