

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025679.D
 Acq On : 22 Apr 2022 13:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Apr 23 01:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149953	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79250	5.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.600%
7) Chloroethane-d5	1.571	69	68834	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.111	63	152434	5.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.896	46	95143	56.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.200%
24) Chloroform-d	4.346	84	115390	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.031	65	51172	5.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.047	84	235140	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.066	67	66260	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.314	98	218209	5.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.622	79	22174	5.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.088	63	71404	49.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36408	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67560	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59069	4.361	ug/L	98
3) Chloromethane	1.243	50	72589	4.932	ug/L	97
5) Vinyl chloride	1.314	62	77840	4.680	ug/L	97
6) Bromomethane	1.526	94	47263	3.941	ug/L	99
8) Chloroethane	1.587	64	52776	4.111	ug/L	98
9) Trichlorofluoromethane	1.754	101	118641	5.078	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	66840	5.092	ug/L	98
12) 1,1-Dichloroethene	2.121	96	61384	4.720	ug/L	91
13) Acetone	2.192	43	66312	57.611	ug/L	92
14) Carbon disulfide	2.294	76	129658	4.165	ug/L	100
15) Methyl Acetate	2.442	43	14840	5.801	ug/L	93
16) Methylene chloride	2.507	84	58764	4.660	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	99053	4.922	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	51859	4.758	ug/L	98
19) 1,1-Dichloroethane	3.188	63	99741	5.403	ug/L	96
21) 2-Butanone	3.979	43	92291	58.027	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	56848	4.955	ug/L	94
23) Bromochloromethane	4.246	128	22537	4.731	ug/L #	88
25) Chloroform	4.375	83	104881	5.383	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55861	5.434	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	90936	5.105	ug/L	98
30) Cyclohexane	4.677	56	73502	4.538	ug/L	98
31) Carbon tetrachloride	4.825	117	77503	5.144	ug/L	100
33) Benzene	5.098	78	222964	4.997	ug/L	100
34) Trichloroethene	5.912	95	58446	4.933	ug/L	98
35) Methylcyclohexane	6.127	83	84750	4.483	ug/L	96
37) 1,2-Dichloropropane	6.169	63	53212	5.155	ug/L	99
38) Bromodichloromethane	6.506	83	68974	5.383	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	69444	5.134	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	235442	56.967	ug/L	95
42) Toluene	7.384	91	241587	4.978	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	55469	5.278	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	34852	5.042	ug/L	98
47) Tetrachloroethene	7.973	164	42672	4.601	ug/L	98
48) 2-Hexanone	8.137	43	171237	59.453	ug/L	95
49) Dibromochloromethane	8.243	129	40864	5.385	ug/L	98
50) 1,2-Dibromoethane	8.352	107	30603	4.713	ug/L	97
51) Chlorobenzene	8.879	112	149871	4.836	ug/L	99
52) Ethylbenzene	9.008	91	248861	4.808	ug/L	99
53) m,p-Xylene	9.137	106	98027	4.981	ug/L	98
54) o-Xylene	9.542	106	93250	4.878	ug/L	100
55) Styrene	9.558	104	157902	5.080	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	34233	4.957	ug/L	100
59) Bromoform	9.731	173	17465	5.132	ug/L	96
60) Isopropylbenzene	9.931	105	254492	4.987	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28604	5.268	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	106180	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	201979	4.926	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	116771	4.902	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	115355	4.770	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	103297	4.896	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5055	5.384	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	86118	4.751	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64933	4.647	ug/L	97
71) Naphthalene	13.500	128	92521	4.514	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54817	4.738	ug/L	96

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

