

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021920\
 Data File : VV014616.D
 Acq On : 19 Feb 2020 20:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005707

Quant Time: Feb 20 02:52:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 20 02:48:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	265090	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	246477	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	123337	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41886	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	33532	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	83671	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.95	46	109311	53.35	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.70%
24) Chloroform-d	4.40	84	107767	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	70472	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.09	84	300116	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.11	67	85200	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.35	98	290513	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.66	79	34847	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	132915	51.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.80%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	62741	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
66) 1,2-Dichlorobenzene-d4	11.67	152	104007	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	117916	4.611	ug/L 100
3) Chloromethane	1.25	50	49616	4.562	ug/L 94
5) Vinyl chloride	1.32	62	50900	4.463	ug/L 98
6) Bromomethane	1.53	94	31991	4.719	ug/L 94
8) Chloroethane	1.60	64	27127	4.553	ug/L 98
9) Trichlorofluoromethane	1.77	101	108098	4.679	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	45897	4.720	ug/L 97
12) 1,1-Dichloroethene	2.14	96	40444	4.657	ug/L 95
13) Acetone	2.21	43	52267	43.824	ug/L 93
14) Carbon disulfide	2.32	76	225454	4.643	ug/L 99
15) Methyl Acetate	2.47	43	19285	4.485	ug/L 89
16) Methylene chloride	2.53	84	88022	4.853	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	177560	4.777	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	84720	4.700	ug/L 94
19) 1,1-Dichloroethane	3.23	63	138117	4.680	ug/L 98
21) 2-Butanone	4.03	43	104735	47.769	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	89672	4.685	ug/L # 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36385	4.566	ug/L	87
25) Chloroform	4.42	83	193290	4.618	ug/L	99
27) 1,2-Dichloroethane	5.18	62	81709	4.623	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	142329	4.732	ug/L	99
30) Cyclohexane	4.72	56	132289	4.721	ug/L	98
31) Carbon tetrachloride	4.87	117	123514	4.735	ug/L	100
33) Benzene	5.14	78	328756	4.817	ug/L	100
34) Trichloroethene	5.96	95	92667	4.774	ug/L	91
35) Methylcyclohexane	6.17	83	149933	4.648	ug/L	99
37) 1,2-Dichloropropane	6.22	63	74453	4.706	ug/L	100
38) Bromodichloromethane	6.55	83	103634	4.584	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	120661	4.743	ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	390198	50.804	ug/L	100
42) Toluene	7.43	91	364570	4.876	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	94576	4.663	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	56341	4.753	ug/L	96
47) Tetrachloroethene	8.01	164	73984	4.830	ug/L	98
48) 2-Hexanone	8.18	43	274898	49.745	ug/L	100
49) Dibromochloromethane	8.29	129	72709	4.737	ug/L	93
50) 1,2-Dibromoethane	8.39	107	54608	4.843	ug/L	95
51) Chlorobenzene	8.92	112	236975	4.804	ug/L	98
52) Ethylbenzene	9.05	91	411526	4.835	ug/L	99
53) m,p-xylene	9.18	106	159716	4.903	ug/L	99
54) o-xylene	9.58	106	156186	4.993	ug/L	95
55) Styrene	9.60	104	250586	4.850	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.28	83	64900	4.811	ug/L	97
59) Bromoform	9.77	173	35987	4.612	ug/L	99
60) Isopropylbenzene	9.97	105	411861	4.832	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	47524	4.876	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	348182	4.894	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	344497	4.937	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	188227	4.710	ug/L	97
65) 1,4-Dichlorobenzene	11.31	146	186866	4.760	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	176051	5.017	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.47	75	11211	4.869	ug/L	99
69) 1,3,5-Trichlorobenzene	12.68	180	140752	4.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	122566	4.966	ug/L	98
71) Naphthalene	13.54	128	210150	5.036	ug/L	99
72) 1,2,3-Trichlorobenzene	13.78	180	111132	5.141	ug/L	98

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

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