

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
 Data File : VX018736.D
 Acq On : 01 Oct 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00590

Quant Time: Oct 02 09:02:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 08:54:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	202344	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	193750	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	99279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63783	6.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.40%
7) Chloroethane-d5	1.70	69	49090	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.34	63	137351	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.40%
20) 2-Butanone-d5	4.55	46	161710	59.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.78%
24) Chloroform-d	5.15	84	143833	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	6.03	65	84856	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	6.04	84	245219	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	7.37	67	70690	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	8.70	98	241365	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
45) trans-1,3-Dichloropropene-	8.99	79	37414	6.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	123.40%
48) 2-Hexanone-d5	9.43	63	136734	63.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.00%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59483	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	94487	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	69010	5.636	ug/L	98
3) Chloromethane	1.31	50	49929	4.774	ug/L	96
5) Vinyl chloride	1.39	62	58338	5.325	ug/L	99
6) Bromomethane	1.64	94	30060	4.590	ug/L	98
8) Chloroethane	1.72	64	34367	5.704	ug/L	97
9) Trichlorofluoromethane	1.92	101	117210	6.177	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	57367	5.507	ug/L	96
12) 1,1-Dichloroethene	2.36	96	52151	5.279	ug/L	92
13) Acetone	2.45	43	85711	57.354	ug/L	97
14) Carbon disulfide	2.55	76	160797	5.354	ug/L	99
15) Methyl Acetate	2.77	43	20204	4.884	ug/L	100
16) Methylene chloride	2.84	84	53078	3.933	ug/L	84
17) Methyl tert-butyl Ether	3.17	73	131751	5.993	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	53179	5.386	ug/L	96
19) 1,1-Dichloroethane	3.67	63	97629	5.513	ug/L	94
21) 2-Butanone	4.66	43	130396	54.972	ug/L #	62
22) cis-1,2-Dichloroethene	4.57	96	55663	5.403	ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	26189	5.302	ug/L	92
25) Chloroform	5.18	83	110406	5.705	ug/L	91
27) 1,2-Dichloroethane	6.16	62	78359	6.401	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	112245	6.082	ug/L	100
30) Cyclohexane	5.55	56	78443	5.343	ug/L	98
31) Carbon tetrachloride	5.76	117	105069	6.174	ug/L	98
33) Benzene	6.12	78	204973	5.487	ug/L	100
34) Trichloroethene	7.19	95	59150	5.472	ug/L	85
35) Methylcyclohexane	7.44	83	83064	5.525	ug/L	95
37) 1,2-Dichloropropane	7.49	63	51596	5.176	ug/L	100
38) Bromodichloromethane	7.88	83	80153	5.957	ug/L	92
39) cis-1,3-Dichloropropene	8.42	75	79532	5.626	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	311378	56.362	ug/L	99
42) Toluene	8.76	91	227397	5.636	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	220725	6.257	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	223449	6.331	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	73303	5.686	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	38091	5.326	ug/L	95
49) Tetrachloroethene	9.32	164	50511	5.935	ug/L	93
50) 2-Hexanone	9.48	43	227758	58.244	ug/L	98
51) Dibromochloromethane	9.57	129	55172	5.895	ug/L	100
52) 1,2-Dibromoethane	9.65	107	39048	5.860	ug/L	98
53) Chlorobenzene	10.12	112	150712	5.654	ug/L	95
54) Ethylbenzene	10.24	91	250474	5.699	ug/L	98
55) m,p-xylene	10.34	106	97789	5.819	ug/L	91
56) o-xylene	10.68	106	94075	5.924	ug/L	91
57) Styrene	10.70	104	159095	6.069	ug/L	96
58) Isopropylbenzene	11.00	105	264658	6.216	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	44689	5.532	ug/L #	94
62) Bromoform	10.84	173	31754	6.008	ug/L	96
63) 1,3-Dichlorobenzene	12.01	146	127461	5.906	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	123915	5.684	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	112353	5.588	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	9022	5.277	ug/L	86
68) 1,3,5-Trichlorobenzene	13.15	180	92216	5.691	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	78541	5.913	ug/L	97
70) Naphthalene	13.82	128	135930	6.054	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	73806	6.149	ug/L	98

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

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