

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092820\
 Data File : VX018641.D
 Acq On : 29 Sep 2020 01:46
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00582

Quant Time: Sep 29 02:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	317898	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	298976	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	154672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77487	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.70	69	64908	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.34	63	171715	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.56	46	228864	53.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.90%
24) Chloroform-d	5.14	84	185909	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	6.03	65	98691	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	6.05	84	351336	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	7.37	67	106583	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	8.70	98	343626	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	8.99	79	43302	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	9.43	63	193861	57.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.76%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	79312	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	126283	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	87954	4.572 ug/L	98
3) Chloromethane	1.31	50	74880	4.557 ug/L	95
5) Vinyl chloride	1.39	62	81339	4.726 ug/L	93
6) Bromomethane	1.64	94	30685	2.982 ug/L	90
8) Chloroethane	1.72	64	44273	4.677 ug/L	99
9) Trichlorofluoromethane	1.92	101	127122	4.264 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	74770	4.569 ug/L	96
12) 1,1-Dichloroethene	2.36	96	71508	4.607 ug/L	89
13) Acetone	2.46	43	108571	46.242 ug/L	100
14) Carbon disulfide	2.55	76	213386	4.522 ug/L	100
15) Methyl Acetate	2.76	43	32058	4.933 ug/L #	90
16) Methylene chloride	2.83	84	75518	3.561 ug/L	99
17) Methyl tert-butyl Ether	3.17	73	165992	4.806 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	71966	4.639 ug/L	92
19) 1,1-Dichloroethane	3.67	63	133086	4.784 ug/L	98
21) 2-Butanone	4.67	43	188197	50.500 ug/L #	65
22) cis-1,2-Dichloroethene	4.56	96	77516	4.789 ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	35209	4.537	ug/L	94
25) Chloroform	5.18	83	138883	4.568	ug/L	93
27) 1,2-Dichloroethane	6.16	62	90247	4.692	ug/L	95
29) 1,1,1-Trichloroethane	5.46	97	133697	4.695	ug/L	98
30) Cyclohexane	5.54	56	115159	5.084	ug/L	95
31) Carbon tetrachloride	5.75	117	120465	4.588	ug/L	100
33) Benzene	6.11	78	297395	5.159	ug/L	100
34) Trichloroethene	7.19	95	78835	4.727	ug/L	94
35) Methylcyclohexane	7.44	83	115412	4.974	ug/L	95
37) 1,2-Dichloropropane	7.49	63	71863	4.672	ug/L	99
38) Bromodichloromethane	7.87	83	97873	4.714	ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	104512	4.791	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	459927	53.950	ug/L	99
42) Toluene	8.76	91	333694	5.359	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	273666	5.027	ug/L	94
44) 1,2,4-Trimethylbenzene	11.79	105	280954	5.159	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	92476	4.648	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	52268	4.736	ug/L	92
49) Tetrachloroethene	9.32	164	63763	4.855	ug/L	95
50) 2-Hexanone	9.48	43	327094	54.207	ug/L	99
51) Dibromochloromethane	9.57	129	69165	4.789	ug/L	93
52) 1,2-Dibromoethane	9.65	107	49891	4.852	ug/L	90
53) Chlorobenzene	10.12	112	212127	5.157	ug/L	97
54) Ethylbenzene	10.23	91	343706	5.068	ug/L	100
55) m,p-xylene	10.34	106	133167	5.135	ug/L	98
56) o-xylene	10.68	106	122983	5.019	ug/L	96
57) Styrene	10.70	104	208098	5.144	ug/L	98
58) Isopropylbenzene	11.00	105	339726	5.171	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	62938	5.049	ug/L	92
62) Bromoform	10.84	173	39017	4.738	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	166520	4.953	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	163260	4.807	ug/L	98
66) 1,2-Dichlorobenzene	12.37	146	151294	4.830	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	10587	3.975	ug/L	93
68) 1,3,5-Trichlorobenzene	13.15	180	119519	4.735	ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	99024	4.785	ug/L	99
70) Naphthalene	13.82	128	180425	5.158	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	91867	4.913	ug/L	99

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

