

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018718.D
 Acq On : 30 Sep 2020 23:39
 Operator : JC/SP
 Sample : L4171-12
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T9

Quant Time: Oct 01 05:59:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	205257	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	198212	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	112043	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36422	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.70	69	37400	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.34	63	72904	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.55	46	154992	56.59	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	5.14	84	121465	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	6.03	65	69694	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	6.05	84	203791	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	7.37	67	65838	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	8.70	98	185334	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
45) trans-1,3-Dichloropropene-	8.99	79	27143	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	9.43	63	124007	55.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	53691	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	84697	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.44	43	188428	124.297	ug/L	94
14) Carbon disulfide	2.55	76	101181	3.321	ug/L	96
19) 1,1-Dichloroethane	3.67	63	7094	0.395	ug/L #	87
21) 2-Butanone	4.66	43	78075	32.447	ug/L #	52
29) 1,1,1-Trichloroethane	5.47	97	4215	0.223	ug/L #	68
30) Cyclohexane	5.56	56	4152	0.276	ug/L #	44
33) Benzene	6.12	78	3526	0.092	ug/L	100
34) Trichloroethene	7.19	95	1238	0.112	ug/L #	76
35) Methylcyclohexane	7.44	83	3177	0.207	ug/L #	70
42) Toluene	8.76	91	4289	0.104	ug/L	87
49) Tetrachloroethene	9.31	164	914	0.105	ug/L #	64
50) 2-Hexanone	9.48	43	20892	5.222	ug/L #	93
54) Ethylbenzene	10.23	91	8608	0.191	ug/L	89
55) m,p-xylene	10.34	106	2107	0.123	ug/L	87
56) o-xylene	10.68	106	2278	0.140	ug/L	94
58) Isopropylbenzene	11.00	105	67559	1.551	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	5522	0.227	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,4-Dichlorobenzene	12.08	146	3614	0.147	ug/L #	48
66) 1,2-Dichlorobenzene	12.37	146	8089	0.356	ug/L #	83
69) 1,2,4-trichlorobenzene	13.63	180	777809	51.889	ug/L	96
71) 1,2,3-Trichlorobenzene	14.00	180	215888	15.937	ug/L	99

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

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